Declaration of Conformity

Hereby, Sharp Telecommunications of Europe Ltd, declares that this GX10 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
A copy of the original declaration of conformity can be found at the following Internet address:
http://www.sharp-mobile.com

Alternately contact:
Sharp Telecommunications of Europe Ltd
Azure House,
Bagshot Road,
Bracknell, Berks, RG12 7QY, U.K.

Introduction

Congratulations and thank you for choosing the GX10.

About This User Guide

This user guide is carefully designed to help you learn about your phone's features and operations quickly and effectively.

NOTICE

- We strongly recommend that you keep separate permanent written records of all important data. Data may be lost or altered in virtually any electronic memory product under certain circumstances. Therefore, we assume no responsibility for data lost or otherwise rendered unusable, whether as a result of improper use, repairs, defects, battery replacement, use after the specified battery life has expired or any other cause.
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- Screen layout illustrated in this user guide may differ from the actual one.
  The information described in this user guide is subject to change without notice.
- All the functions described in this user guide may not be supported in all networks.
- We assume no responsibility for downloaded contents, information, etc. from network.

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T9 Text Input is covered by the United Kingdom Pat. No.2238414B, Euro. Pat. No. 0 842 463 (96927260.8) and other patents pending.

Useful functions and services of the phone

Your phone offers you the following features:

- The built-in digital camera can take pictures.
- Create and read SMS.
- Multimedia Messaging Service (MMS) can personalise your phone in various ways: you can send and receive multimedia messages with graphical images, photographs or sound attached.
- WAP browser helps you to access a variety of information on the mobile internet.
- You can play with Java™ applications. You can also download various kinds of Java™ applications from Vodafone via the mobile Internet.
- The maindisplay of colour TFT-LCD makes the screens clearer, more beautiful and easier to view.
- Sub-Screen allowing you to see who is calling and new message indicators.
- You can create the various melodies for your original ringing tones using up to 16 chords.
- Voice memo function allows you to record and play back your vocal message.

Table of Contents

Introduction 1
Useful functions and services of the phone ..3
Table of Contents 4
Your Phone 7
Accessories 7
Getting Started 8
Inserting the SIM Card and the Battery 10
Charging the Battery 13
Turning Your Phone On and Off 15
Display Indicators 15
Sub-Screen 17
Call Functions 19
Making a Call 19
Speed Dialling 19
Redialling 20
Ending a Call 20
Answering a Call 20
Incall Menus 21
Phonebook 24
Entering Characters 24
Creating a New Entry 25
Finding a Name and Number 28
Editing Phonebook Entries 28
Deleting Phonebook Entries 29
Checking Your Own Numbers 29
View Groups 29
Memory Status 30
Speed Dial List 30
Sending Messages 31
Using the Menu 32
List of Menu Functions 33
Camera 34
Using the Timer 36
Sending Pictures 37
Deleting Pictures 37
My Phone 38
Java™ 38
My Java™ Games 39
My Pictures 40
My Sounds 43
My Bookmarks 45
My Text Templates 46

Memory Status 47
Fun & Games 48
Java™ Games 48
Other Games 51
Melody Editor 52
Tone Editor 59
Profiles 63
Activating a Profile 63
Customising Profiles 63
Resetting Profile Settings 64
Ringer Volume 64
Ringer Type 64
Vibration 65
Keypad Tones 65
Warning Tone 66
Power On/Off Sound 66
Message Alert 67
Low Battery Alert 68
Any Key Answer 68
Organiser 69
Calculator 69
Calendar 70
Clock & Alarm 71
Voice Memo 75
Help List 76
Call Manager 77
Call Log 77
Call Timers 78
Call Costs 79
Data Counter 81
Diverts 81
Settings 84
Phone Settings 84
Call Settings 89
Network Settings 93
Internet Settings 94
Infrared 98
Security 99
Master Reset 103
Vodafone live! 104
Viewing the WAP Browser 104
Navigating a WAP Page 104
Messages 106
MMS (Multimedia Messaging Service) ... 106
SMS (Short Message Service) 113
Cell Broadcast 117

Cell Information 118
Data Transmission 119
System Requirements 119
Software Installation and Setup 119
Using the Modem Setup 119
Troubleshooting 121
Safety Precautions and Conditions of Use 123
CONDITIONS OF USE 123
ENVIRONMENT 125
PRECAUTIONS CONCERNING VEHICLE USE 126
Index 127
Quick Reference 132

Your Phone

Please check the following carefully. Your phone should come complete with:

- GSM 900/1800 GPRS phone
- Rechargeable Li-ion battery
- AC charger
- Hands free
- CD-ROM
- User guide

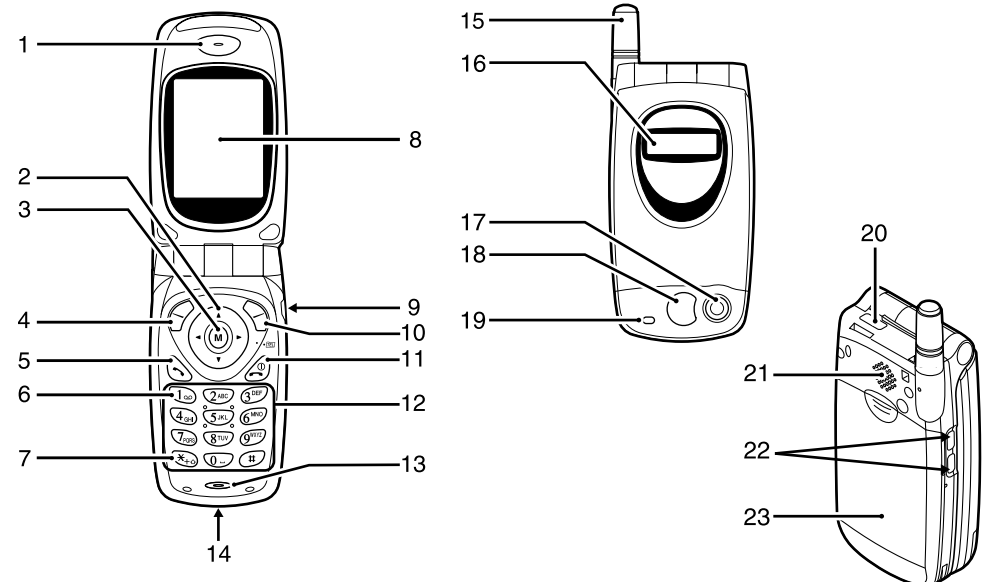
Accessories (option)

- Li-ion spare battery (XN-1BT11)
- Cigarette lighter charger (XN-1CL10)
- Car holder (XN-1CH11)
- Data cable (RS232C cable: XN-1DC10)

Some of the above accessories may not be offered by region.

For details, please contact your dealer.

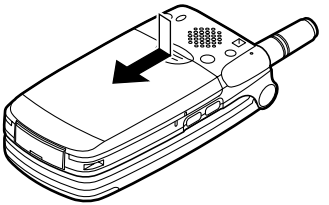
Getting Started



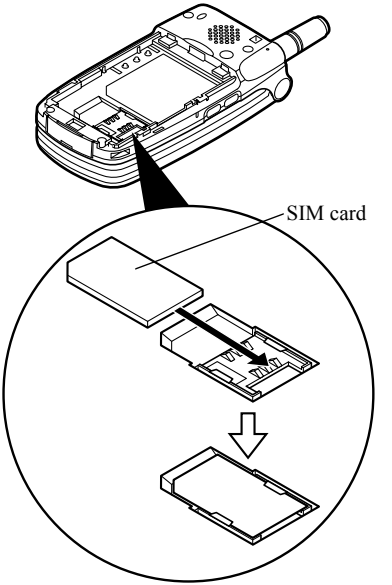
1. **Earpiece**
2. **Navigation Keys (Arrow Keys)**:
   Move the cursor to select menu items, adjust the earpiece volume, etc.
   Up/Down arrow keys: Searches the Phonebook entries in stand-by mode.
   Left arrow key: Adjusts the earpiece volume in stand-by mode.
   Right arrow key: Displays the Phonebook menu in stand-by mode.
3. **M Key**: Displays the Main Menu and executes the functions.
4. **Left Soft Key**: Executes the function at the bottom left on the screen.
5. **Send Key**: Makes or accepts calls, views the call in stand-by mode.
6. **Voice Mail Key**: Used to connect to Voice mail centre. (Depends on the SIM card.)
7. *** /Shift Key**: Used to enter * or switch the text mode.
8. **Main-Screen Display**
9. **Hands free Connector**
10. **Right Soft Key**: Executes the function at the bottom right on the screen.
11. **End/Power Key**: Ends a call, turns power on/off.
12. **Keypad**
13. **Microphone**
14. **External Connector**: Used to connect either the charger or data cable.
15. **Aerial**
16. **Sub-Screen Display**
17. **Camera**
18. **Mirror**: For self portraits.
19. **LED Indicator**
20. **Infrared Port**: Sends and receives data via infrared.
21. **Speaker**
22. **Side Keys**
    Up/Down keys: Move the cursor to select menu items, etc.
23. **Battery Cover**

Inserting the SIM Card and the Battery

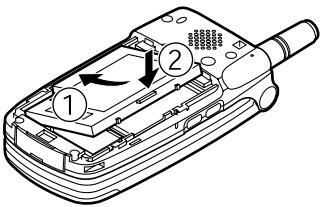
1. Slide off the battery cover.



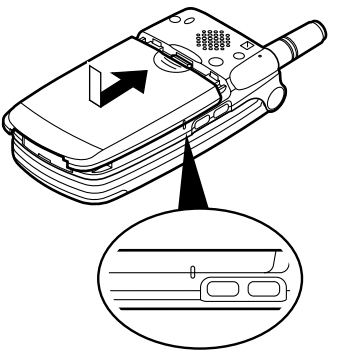
2. Slide the SIM card into the SIM holder.



3. Hold the battery so that the metal contacts of the battery are facing down, slide the guides on the top of the battery into the battery slots ①, and then insert it ②.



4. Replace the battery cover so that the marks are aligned and slide it as shown.

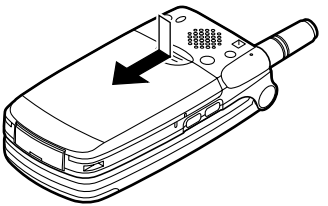


Note

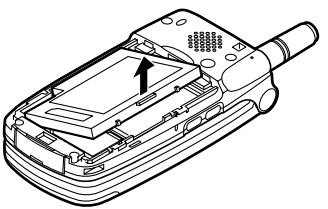
- *Make sure that only 3V SIM cards are used.*
- *Use only the approved battery (XN-1BT11).*

Removing the SIM Card and the Battery

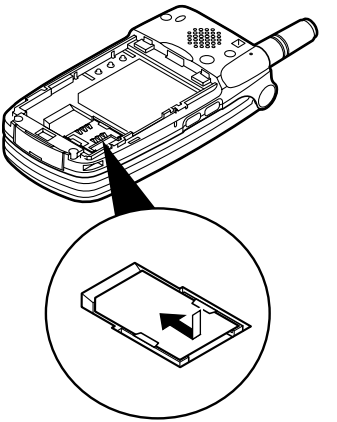
1. Make sure to turn off your phone and disconnect charger and other accessories. Slide off the battery cover.



2. Pick up the battery using the protruding edge and remove the battery from the phone.



3. Slide the SIM card by pushing the back of the card and remove it from the SIM holder.



Battery Disposal

The device is supported by a battery. In order to protect the environment, please read the following points concerning battery disposal:

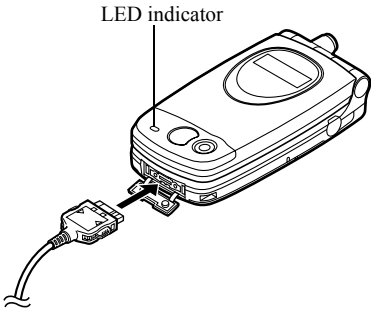
- Take the used battery to your local waste depot, dealer or customer service centre for recycling.
- Do not expose the used battery to an open flame, into water or dispose with the household waste.

Charging the Battery

You must charge the battery for at least 2 hours before using your phone for the first time.

To Charge Using the Charger

1. Connect the charger to the external socket located on the bottom of the phone with the charger's "PUSH TOP" mark facing towards you, and to an AC outlet.



The LED indicator lights in red.
Standard charging time: Approx. 2 hours.

Note

- *Charging time may be longer than above depending on the state of a battery and a surrounding situation. (See "Battery" on page 124.)*

To disconnect the charger

Push and hold the side buttons of the charger, then disconnect the charger from the external socket of the phone.

2. When charging is complete, the LED indicator turns off. Unplug the charger from the AC outlet, then unplug the charger connector from the phone.

Note

- *Do not use any non approved charger, this may damage your phone and invalidate any warranty, please see "Battery" on page 124 for details.*
- *When the phone is charging, the animated battery status icon ( ) will be displayed in the upper right of the screen.*

To Charge Using the Cigarette Lighter Charger

The cigarette lighter charger (option) supplies power for charging from the cigarette lighter socket of a car.

Battery Level Indicator

The current battery level is displayed in the upper right hand side of the screen and the Sub-screen.

Low Battery During Use

When the battery is running low, an alarm will sound and the " " will appear on the screen and the Sub-screen.

If you are using your phone and you hear the "low battery" alarm, attach your charger as soon as possible. The phone may not be able to continue normal operation if you continue to use it. The battery may only last five minutes before the phone itself powers down during a call.

Charge Level	Indicators
Full level (greater than 60%)	
Partial level (less than 60%)	
Partial level (less than 30%)	
Low level (less than 10%)	Charging the battery is recommended.
Empty	Charge the battery.

Turning Your Phone On and Off

To turn the power on, press and hold ⏻ for approximately 2 seconds.

The stand-by screen appears.

To turn the power off, press and hold ⏻ for approximately 2 seconds.

Entering the PIN Code

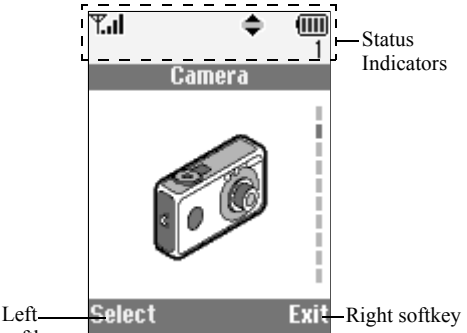
If activated you will be asked to enter a PIN (Personal Identification Number) code after turning on your phone.

1. Enter your PIN code.
2. Press (M).

Note

- *If your PIN code is entered incorrectly three times in a row, the SIM card is locked. See "Enabling/ Disabling the PIN Code" on page 99.*

Display Indicators



1. / : Indicates the strength of received signal/the service is out of range.
2. : Appears when in call.
3. Abc / ABC / abc / 123 : Indicates the input mode (Upper case only the first letter of the word mode/ Upper case mode/Lower case mode/ Numeric mode).
4. T9 : Appears when the T9 text input mode is activated.
5. / / : Appears when a new SMS, MMS Alert or WAP Alert has arrived.
6. / : Appears when viewing secured WAP browser.
7. / : Appears when a picture or image/ sound is attached to MMS.
8. : Indicates a Phonebook entry stored in the phone memory.
9. : Indicates a Phonebook entry stored on the SIM card.
10. : Indicates the battery level.
11. : Appears when your phone is roaming outside of your network.
12. : Appears when your phone is in data communication mode.
13. : Appears when your phone is in fax communication mode.
14. : Appears when your phone is GPRS enabled and within range. Flashes during GPRS transmission.
15. : Appears when Alarm is set.
16. : Appears when “Diverts” (p. 81) is set to “All Calls”.
17. : Appears when the data cable is connected to your phone.
18. : Appears when “Ringer Volume” (p. 64) is set to “Silent”.
19. : Appears when Vibration alert is set.

20. (No display)/ / / / :
Indicates the phone's mode (Normal mode/Activity mode/Meeting mode/ Car mode/Silent mode).

21. : Appears when a voice message is stored.

22. : Appears when up, down, right or left navigation is available.

23. / : Appears when "Infrared" is on/during connection.

24. / : Appears when the Java™ application is executed/suspended.

Softkey Indicators

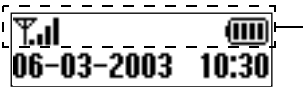
To execute the operation indicated, press each corresponding key.

25. Area at the lower left of a screen:
Displays the operation executed by left softkey.

26. Area at the lower right of a screen:
Displays the operation executed by right softkey.

Sub-Screen

Status Indicators



1. : Indicates the received signal strength.
2. : Appears when in GPRS is within range and can be used.
Flashes during in GPRS communication mode.
3. : Appears when a new SMS, MMS Alert or WAP Alert has arrived.
4. : Appears when Alarm is set.
5. : Indicates the battery level.
6. / : Appears when "Infrared" is on/during connection.
7. : Appears when "Diverts" (p. 81) is set to "All Calls".

8. : Appears when the data cable is connected to your phone.
9. : Appears when Silent is set.

Call Functions

Making a Call

1. Enter the area code and the phone number you wish to dial.

   If you enter the wrong number, press [Clear] to delete the number to the left of the cursor.
2. Press to dial.

Emergency Calls

1. Enter 112 (international emergency number) using the keypad.
2. Press to dial.

Note

- *Emergency calls may not be available on all mobile phone networks when certain network services and/ or phone features are in use. Contact your network operator for more information.*
- *This Emergency number can normally be used to make an emergency call in any country, with or without a SIM card inserted, if a GSM network is within range.*

International Calls

1. Press and hold until a "+" (international dialling prefix) sign appears.
2. Enter the country code, followed by the area code and the number.
3. Press to dial.

Note

- *Enter the area code omitting the first 0 when making international calls, in most cases. (It differs for some countries.)*

Speed Dialling

In the Speed Dial List, up to 9 phone numbers out of the Phonebook can be set. You can call the numbers using the digit keys (2 ABC to 9 WXYZ and 0 –).

For details on setting the Speed Dial List, see "Speed Dial List" on page 30.

1. Press and hold any of the digit keys (2 ABC to 9 WXYZ and 0 –).

   The phone number stored in the Speed Dial List appears.

Redialling

You can redial the numbers in the call log list that you may have missed, received or dialled. Each list can contain up to 10 numbers.

1. Press during stand-by.
2. Press or to select a category between "Dialled Numbers", "Missed Calls" and "Received Calls".
3. Select the number you wish to call by pressing or .
4. Press to redial the call.

Automatic Redialling

This setting allows you to automatically redial the number if the first attempt was unsuccessful.

If you wish to stop redialling, press or [End].

To Set the Auto Redial Function

1. Press to display the Main Menu.
2. Press or to select "Settings", then press .
3. Press or to select "Call Settings", then press .
4. Press or to select "Auto Redial", then press .
5. Select "On" to enable the Auto Redial function or "Off" to disable it, then press .

Note

- *When you receive an incoming call, the Auto Redial function will be interrupted.*
- *Automatic redialling is not available for fax and data calls.*

Ending a Call

1. Press to end the call.

Answering a Call

When an incoming call is detected, the phone rings and the LED indicator flashes green.

1. Open your phone.
2. Press to answer the call.
   or
   Press any key except , [Reject], , when the "Any Key Answer" function is enabled.
   Set the Any Key Answer function in the profile in each mode. (p. 68)

Tip

- *When the hands free kit is connected to the phone, you can answer calls by pressing the Side keys (up or down).*
- *If you have subscribed to the Calling Line Identification (CLI) service and the caller's network sends the number, the caller's number will appear on the screen. If the caller's name and number are stored in the Phonebook, the caller's name will appear on the screen.*
- *If the number is a restricted number, the display shows "Withheld".*
- *When receiving a call from the person whose picture is registered in the Phonebook, receiving display and the picture are displayed alternately.*

Rejecting an Incoming Call

You can reject a call you do not wish to answer.

1. Press  or  [Reject] or press and hold the Side keys (up or down) whilst the phone is ringing.

   The caller hears a busy tone.

Incall Menus

Your phone has additional functions available whilst a call is in progress.

Adjusting the Earpiece Volume

You can adjust the earpiece volume during a call.

1. During a call, press .
2. Press  to increase the earpiece volume or press  to decrease the earpiece volume.

   Each press of or adjusts the earpiece volume by one of 5 levels.
3. Press  [OK].

Tip

- *You can also adjust the earpiece volume using the Side keys (Volume up key or Volume down key) during a call.*

Putting a Call on Hold

This function allows you to manage two calls at the same time. If you wish to make another call whilst you are talking to someone, you can put the current call on hold to call someone else.

To make another call during a call

1. During a call, press [Options] to display the Options Menu.
2. Select "Hold", then press .

   The current call is put on hold.
   To retrieve a call, press [Options] and select "Retrieve", then press .

3. Enter the phone number you wish to make another call.

Tip

- *You can also make another call by entering the phone number during a call instead of steps 1 and 2. The current call is automatically put on hold.*

Call Waiting

This service notifies you of another incoming call whilst you have a call in progress.

1. During a call, press [Answer] to answer the second call.
   The first call is put on hold and you can now talk to the second caller.
2. Press [Options] and select "Swap" to switch between the two calls.
3. Press [Options] and select "End Call", then press (M) to end the current call and return to the held call.

Note

- *You need to set "Call Waiting" to "On" if you use Call Waiting service (p. 89).*
- *Call Waiting service may not be available on all networks. Contact your network operator for more information.*
- *If you do not wish to answer the second call, press [Reject] in step 1. The call log of the second call will be saved as a missed call.*

Conference Call

Conference call is a call with more than 2 participants. You may include up to 5 participants in a conference call.

Making a Conference Call

To make a conference call, you must have one active call and one held call.

1. Press [Options] to display the Options Menu.
2. Press (▲) or (▼) to select "Multiparty", then press (M).
3. Press (▲) or (▼) to select "Join All", then press (M) to join the conference call.
4. Press to end the conference call.

Note

- *Conference call service may not be available on all networks. Contact your network operator for more information.*

Adding New Participants to the Conference Call

1. Press [Options] to display the Options Menu.
2. Press ▲ or ▼ to select “Dial”, then press (M).
3. Enter the number you wish to include in the conference call.
4. Press to dial.
5. Press [Options] to display the Options Menu.
6. Press ▲ or ▼ to select “Multiparty”, then press (M).
7. Press ▲ or ▼ to select “Join All”, then press (M) to join the conference call.

   If you wish to add other participants, repeat steps 1 to 7.

To End the Call with a Conference Call Participant

1. During a conference call, select the person who you wish to disconnect the call by pressing ▲ or ▼.
2. Press [Options] to display the Options Menu.
3. Press ▲ or ▼ to select “End Call”, then press (M).

To Have a Private Conversation with one of the participants

If you wish to have a private conversation with one of the participants, you may select the participant from the conference list and put the other participants on hold.

1. During the conference call, select the person that you wish to talk to by pressing ▲ or ▼.
2. Press [Options] to display the Options Menu.
3. Press ▲ or ▼ to select “Multiparty”, then press (M).
4. Press ▲ or ▼ to select “Private”, then press (M).
5. Once you have finished the private conversation, press [Options] and select “Multiparty”, then press (M).
6. Press ▲ or ▼ to select “Join All”, then press (M) to return to the conference call.

Muting the Microphone

1. During a call, press [Mute] to mute the microphone.

   To unmute the microphone, press [Unmute].

Phonebook

You can store the phone numbers and E-mail addresses of your friends, family and colleagues in the Phonebook.

Group name (p. 26)

You can classify the phone numbers and names stored in the Phonebook, such as “Family” and “Business”.

Entering Characters

When entering characters to create Phonebook entries, SMS or MMS, etc., press the corresponding keys.

Table of Characters

Pressing each key scrolls characters in the following order.

Normal Mode

Key	Upper Case Characters	Lower Case Characters	Numeric
1	. (full-stop) , (comma) - (hyphen) ? ! ' (apostrophe) @ _ ( ) / ” :1		1
2 ABC	ABC2ÃÁÀÂÄÅÆÇ	abc2ãáàâäåæç	2
3 DEF	DEF3ÉÊÈË	def3éêèë	3
4 GHI	GHI4ÍÎÌÏ	ghi4íîìï	4
5 JKL	JKL5	jkl5	5
6 MNO	MNO6ÕÓÔÒÖØÑ	mno6õóôòöøñ	6
7 PQRS	PQRS7	pqrs7ß	7
8 TUV	TUV8ÚÙÜÛ	tuv8úùüû	8
9 WXYZ	WXYZ9ÝÞ	wxyz9ýþ	9
0 –	(space)+ = < > € £ $ ¥ % &0		0
* +-◇	*+P?		
#	. , ? ! : ; - + # × @ ’ “ ( ) _ & € £ $ % / ~ < > § = \ ¢ ¥ ¿ ¡ ^ [ ] { } ¤ Δ Φ Γ Λ Ω Π Ψ Σ Θ Ξ ↲ (space) Normal/T9 (long press)		

1 - 9 : Press and hold to enter 0 - 9 numbers.

* : Press and hold to shift Sentence mode, Capital letter, Small letter, Numeric.

Changing the Input Mode

To change the input mode, press (#) for approximately 2 seconds.

T9 Text Input

T9 text input method is a shortcut to enter text easily and quickly.

1. Press and hold (#) until "T9" is displayed.
2. Press each key once for any letter you require on that key.

   To enter the word "How", press 4GHI 6MNO 9WXYZ.
3. Press ▲ or ▼ until the correct word is shown if the character combination, that was initially displayed, is not correct.
4. Press (M) to select the word.

Note

- *If the correct word is not shown in step 3, enter the correct word again after switching to the normal input mode.*

Tip

- *If you press 0 instead of step 4, a space is inserted next to the selected word.*

Symbols and Punctuation

To enter symbols or punctuation, press (#).

Using Text Template

You can use the sentences registered in My Text Templates when entering characters.

For details on creating the text template, see "Adding Phrases to My Text Templates" on page 46.

1. Press [Options] to display the Options Menu.
2. Press ▲ or ▼ to select "Insert Template", then press (M).
3. Select a desired text template by pressing ▲ or ▼, then press (M).

   The selected text template will be inserted.

Creating a New Entry

You can choose either the phone (up to 500) or SIM card memory locations to store the new entry.

The amount of phone numbers that you can store to the SIM card is dependant on its capacity. Contact your network operator for SIM details.

Phonebook Memories

Select the location for storing the Phonebook memory before storing a new entry.

1. Press ▶ to display the Phonebook menu.
2. Press ▲ or ▼ to select "Settings", then press (M).

3. Press ▲ or ▼ to select "Save Nos. to", then press (M).
4. Select "SIM Card" to store the entry on the SIM memory or "Phone Memory" by pressing ▲ or ▼, then press (M).

   When selecting "Choice", you can choose SIM card or phone memory every time you store a new Phonebook entry.

Storing Names and Numbers

1. Press ▶ to display the Phonebook menu.
2. Press ▲ or ▼ to select "Add New Name", then press (M).

If you select "Choice" in step 4 in "Phonebook Memories";

3. Select "SIM Card" or "Phone Memory" by pressing ▲ or ▼, then press (M).

   The name entry prompt appears.
4. Enter a name, then press (M).

   For details on entering characters, see "Entering Characters" on page 24.
   The phone number prompt appears.
5. Enter the phone number, then press (M).

   Up to 40 digits can be entered.
6. Select a desired number type by pressing ▲ or ▼, then press (M).
7. Press [Save].

   You can divide the phone numbers of the Phonebook into groups. You can also register E-mail address, personal data, and picture/image data. (See "Storing Optional Data"for details.)
   Repeat steps 2 to 7 to store the second and third phone numbers, if required.

Storing Optional Data

You can store optional data after entering a phone number. (See "Storing Names and Numbers" for details.)

Note

- *E-mail address, personal data, and picture/image data cannot be stored on the SIM card.*

Selecting Group Name

1. Press ▲ or ▼ to highlight the right side of "  ", then press (M).
2. Select a desired group name by pressing ▲ or ▼, then press (M).

   You can set to display the available group names when you store/edit the Phonebook, see "View Groups" on page 29.

Entering E-mail Address

3. Press ▲ or ▼ to highlight the right side of " ✉ :", then press M.

4. Enter the E-mail address, then press M.

Up to 60 characters can be entered.

Entering Personal Data

5. Press ▲ or ▼ to highlight the right side of " 📖 :", then press M.

6. Enter the personal data, then M.

Up to 60 characters can be entered.

Storing Picture/Image Data

You may store a picture/image for use with the Phonebook.

When you receive a call from a person with a Phonebook entry which also has a linked picture/image, when the person calls, the linked picture/image will be displayed.

7. Press ▲ or ▼ to highlight the right side of " 🖼 :", then press M.

8. Select the desired picture/image, then press M.

The selected picture/image will appear on the screen.

9. Specify the range for displaying the picture/image by pressing ▲, ▼, ◀ or ▶, then press M.

Note

- *The stored picture/image are automatically saved under the "in Phonebook" section of the Saved Pictures.*
- *The picture/image cannot be deleted in the Saved Pictures. Remove the picture/image data from the Phonebook.*

Adding the Phone Number from the Call Log Entries

1. Display the call log entry you wish to store (p. 77).

2. Press M.

3. Press ▲ or ▼ to select "Save to Phonebook", then press M.

4. Follow the procedure from step 3 in "Storing Names and Numbers" on page 26.

Storing after Inputting a Phone Number

1. Enter the phone number, then press [Save].

2. Follow the procedure from steps 2 to 7 in "Storing Names and Numbers" on page 26.

Finding a Name and Number

Two methods of searching through the Phonebook are available:

Search by Name

1. Press ▶ to display the Phonebook menu.
2. Select "View Names", then press (M).
3. Enter a name or the first character(s) of the name.

   Matched results will be displayed alphabetically. If there is no entry in the Phonebook that satisfies the exact search criteria, the name that is nearest alphabetically matching will be displayed. The registered names and phone numbers in the selected entry are alternately displayed.
4. Scroll through list by pressing ▲ or ▼ to select the desired name, then press [Select].

   The detailed screen of the Phonebook appears.
5. Press .
6. Press ▲ or ▼ to select the desired phone number, then press (M) to dial.

Tip

- *If you press (M) and select "Search" after step 2, you can also search the name and number.*
- *You can also dial the desired phone number by pressing the digit key corresponding to the list number instead of step 6.*

Search in Alphabetical Order

1. Press ▲ or ▼ whilst in stand-by to open the Phonebook.
2. Scroll the list by pressing ▲ or ▼ to find the desired name.
3. If you wish to do a name search, perform steps 3 and 4 in "Search by Name".

Editing Phonebook Entries

You can edit Phonebook entries.

1. Search for the desired Phonebook entry.

   For details on searching through Phonebook entries, see "Finding a Name and Number" .
2. Press (M).
3. Press ▲ or ▼ to select "Edit", then press (M).
4. Select an entry you wish to change by pressing ▲ or ▼, then press [Edit].

5. Edit entry as required.
6. Press (M).
   If you wish to edit another item, repeat steps 4 to 6.
7. Press [Save] to save the change(s).

Deleting Phonebook Entries

1. Search for the desired Phonebook entries.
   For details on searching through Phonebook entries, see "Finding a Name and Number" on page 28.
2. Press (M).
3. Press ▲ or ▼ to select "Delete", then press (M).
4. Select "Yes", then press (M).
   The selected entry will be deleted.
   To cancel deletion, select "No" at step 4, then press (M).

Checking Your Own Numbers

You can check and edit your own voice, data and fax phone numbers in the Phonebook.

1. Press ▶ to display the Phonebook menu.
2. Press ▲ or ▼ to select "Own Numbers", then press (M).
3. Press ▲ or ▼ to select the phone number you wish to check from either "Voice", "Data" or "Fax", then press (M).
   Press ⏻ to return to the stand-by screen.

Note

- *"Data" or "Fax" may not be displayed depending on SIM card.*

Editing Your Phone Numbers

1. Perform steps 1 to 3 in "Checking Your Own Numbers".
2. Press (M).
3. Press [Clear] to erase the phone number and enter a new phone number.
4. Press (M) to save the phone number.

View Groups

You can set the available group names when you store/edit the Phonebook.

1. Press ▶ to display the Phonebook menu.
2. Press ▲ or ▼ to select "Settings", then press (M).
3. Select "View Groups", then press (M).

4. Select a desired group name by pressing (M).
   "☑" indicates that the group has been selected.
   To cancel the selected group, press (M) again.
   The checkbox becomes blank again.
   Press (0) to return to the stand-by screen.

Memory Status

This function helps you to check the number of entries stored in the Phonebook.

1. Press (▶) to display the Phonebook menu.
2. Press (▲) or (▼) to select "Settings", then press (M).
3. Press (▲) or (▼) to select "Memory Status", then press (M).

   You can check the following memory status.
   "SIM Card : xxx/xxx"
   "Speed Dial : xx/xx"
   "Phone : xxx/500"
   Press (0) to return to the stand-by screen.

Note

- *The number of locations available on the SIM is dependant on its capacity.*

Speed Dial List

You can set a maximum of 9 phone numbers to the Speed Dial List.

Adding Phonebook entries to the Speed Dial List

1. Search for the desired Phonebook entries.
   For details on searching through Phonebook entries, see "Finding a Name and Number" on page 28.
2. Press (▲) or (▼) to select the phone number.
3. Press (M).
4. Press (▲) or (▼) to select "Add to Speed", then press (M).
5. Select the number you wish to add by pressing (▲) or (▼), then press (M).

Viewing the Speed Dial List

1. Press (▶) to display the Phonebook menu.
2. Press (▲) or (▼) to select "Settings", then press (M).
3. Press (▲) or (▼) to select "Speed Dial List", then press (M).
   The stored names and phone numbers in the selected entry are displayed in order.

Sending Messages

1. Search for the desired Phonebook entries.

   For details on searching through Phonebook entries, see “Finding a Name and Number” on page 28.
2. Press ▲ or ▼ to highlight the right side of “ 1:”, “ 2:” or “ 3:”, then press M

   or

   Press ▲ or ▼ to highlight the right side of “ :”, then press M.
3. Press ▲ or ▼ to select “Send Message”, then press M.

If you highlight the right side of “ 1:”, “ 2:” or “ 3:” in step 2:

4. Press ▲ or ▼ to select “MMS” or “SMS”, then press M.
5. Enter your message.

   For details on creating a message, see “Creating a New MMS” on page 106 or “Creating a New SMS” on page 114.

Using the Menu

Using the Main Menu

1. Press (M) during stand-by mode.
2. Press (▲) or (▼) to navigate to required location.
3. Press (M) or (▶) to access function.

To Select Another Item within the Main Menu

To return to the previous screen after selecting a function from the Main Menu or Sub Menu, press (◀). Every time you press (◀), the screen goes back one by one.

Operation Guidance

Your phone uses softkeys to help you to navigate the phone (and). These keys change usage depending on the situation. The function of each softkey at any given time is highlighted at the bottom left and bottom right of the screen.

Shortcut Keys

When pressing several key combinations during stand-by mode, you can shortcut to the specified menus.

To access the desired menu directly, press (M) and digit keys for the menu's corresponding number during stand-by mode. See the following table as reference.

Example: To access "Language" Sub Menu using shortcut keys

Press (M) (7PQRS) (1) (1) .

Note

- *The shortcut keys work for the first three menu levels only.*

Side Keys

The Side keys (up or down) function the same as pressing (▲) or (▼).

List of Menu Functions

Menu No./ Main Menu	Menu No./ Sub Menu1
1 Camera	
2 My Phone	**1** My Java™ Games **2** My Pictures **3** My Sounds **4** My Bookmarks **5** My Text Templates **6** Memory Status
3 Fun & Games	**1** Java™ Games **2** Other Games **3** Melody Editor **4** Tone Editor
4 Profiles	**1** Normal **2** Meeting **3** Activity **4** Car **5** Silent
5 Organiser	**1** Calculator **2** Calendar **3** Clock & Alarm **4** Voice Memo **5** Help List
6 Call Manager	**1** Phonebook **2** Call Register **3** Diverts
7 Settings	**1** Phone Settings **2** Call Settings **3** Network Settings **4** Internet Settings **5** Infrared **6** Security **7** Master Reset
8 Vodafone live!	**1** Vodafone live! **2** New **3** Chat **4** Games **5** Find & Seek **6** News **7** Sports **8** Shopping **9** Search
9 Info-Service	*
0 Messages	**1** MMS **2** SMS **3** Cell Broadcast **4** Cell Info **5** Vodafone Messenger **6** Vodafone Mail

* Depends on the contents of SIM card.

Camera (M 1)

Your phone incorporates an integrated digital camera.

This allows you to take and send pictures wherever you are.

Taking Pictures

Put the phone into the camera mode to take a picture.

You can send the pictures registered in the Saved Pictures with your message.

1. Press and hold (M) for approximately 2 seconds whilst stand-by.

   The phone switches to the camera mode.
   The camera view can be seen through the "on screen" viewer.
2. Press (M) or the Side keys (up or down) to take the picture.

   The shutter sound occurs and the static image of the taken picture is displayed.
3. Press [Save].

   "Save to My Phone" is displayed, then the picture is registered.
   If you send a picture by MMS after taking the picture, press (M) in step 3.
   The camera returns to step 1 repeat process as desired.
4. Press to return to stand-by.

Tip

- *To leave Camera Mode without registering the taken picture after step 3 in "Taking Pictures": Press and select "Yes", then press (M).*
- *To take a picture of yourself, press (M) or the Side keys (up or down) whilst checking the image reflected on the mirror on the back of the phone. Place/Hold the phone at least 40 cm away from yourself.*

Using the Zoom Function

Press [Zoom] to magnify the photographic subject.

Press [Wide] to restore the original magnification.

Note

- *When "Select Picture Size" is set to "Large", you cannot use the zoom function.*

To select the picture size

1. Press [Options] before step 2 in "Taking Pictures" to display the Options Menu.
2. Press or to select "Select Picture Size", then press (M).
3. Select the picture size by pressing or , then press (M).

To select the mode

1. Press [Options] before step 2 in "Taking Pictures" on page 34 to display the Options Menu.
2. Press ▲ or ▼ to select "Select Mode", then press (M).
3. Select the mode by pressing ▲ or ▼, then press (M).

Note

- *Vertical stripes may be reflected to a picture by light source. Change the mode in this case.*

Retaking Pictures

After steps 1 and 2 in "Taking Pictures" on page 34, press [Back].
Further shooting is available.

Note

- *The Digital Camera Uses a C-MOS Sensor. Although this camera has been manufactured to the highest specification, some pictures may still appear too bright or too dark.*
- *If the phone has been left in a warm place for a long time before taking or registering a picture, the picture quality may be poor.*

In the Case of No Available Memory

When the number of pictures that can be taken becomes 5 or less, or when the remaining capacity becomes 27.5 Kbytes (when "Medium" is selected as the picture size) or less, " " will appear on screen. The screen returns to step 2 in "Taking Pictures" on page 34. The number of pictures that can be taken is displayed in the upper left of the screen. (The number of pictures that can be taken is approximate.)

When the number of pictures that can be taken becomes 0, and when you try to take a picture again, "Can not take a picture. Maximum Capacity" is displayed.

Meanings of Indicators in Camera Mode

Delay timer indicator (p. 36)

: Whilst the timer setting is on.

Picture brightness indicators (p. 36)

+2 : Bright
+1 : ↓
±0 : Normal
−1 : ↓
−2 : Dark

Picture size indicators (p. 34)

L	Large:	288 × 352 dots
M	Medium (default):	120 × 160 dots
S	Small:	60 × 80 dots

Mode indicator (p. 35)

: Mode 1
: Mode 2

Making Adjustments According to Lighting Conditions

Adjusting the Brightness of the Picture

Adjust the brightness of the picture by pressing ▲ or ▼.

Once the phone has returned to the stand-by screen the brightness settings return to default.

Viewing the Taken Pictures

The taken pictures can be viewed in the Saved Pictures.

1. In camera mode, press [Options].
   The Options Menu is displayed.
2. Select "Existing Pictures", then press M.
   The Saved Pictures is displayed.
3. Select the file name you wish to view by pressing ▲ or ▼, then press M.
   The selected picture is displayed.
4. Once you have finished, press [Back] to return to the list.

Tip

- *Your pictures are given file names which show the time and date when the picture was taken.*
  Example:
  The file name "13-05-02_12-34-56" is displayed for the picture taken at 12:34:56 of 13th May 2002. The file names of your pictures can be changed (p. 41).

Using the Timer

Taking a Picture with the Timer

1. In camera mode, press [Options].
   The Options Menu is displayed.
2. Press ▲ or ▼ to select "Delay Timer", then press M.
3. Press ▲ or ▼ to select "On", then press M.
   "" appears on the screen and the phone returns to camera mode.
4. Press M to take the picture.
   Delay timer begins.
   10 seconds after the timer sound occurs, the camera takes a picture, and sounds a tone.

Note

- *Whilst the delay timer is operating, the LED indicator and the icon flash.*
- *If (M) is pressed whilst the delay timer is operating, the picture is taken instantly.*
- *If there is an incoming call or alarm functioning, or is pressed, whilst the delay timer is operating, the camera operation is cancelled. In this case, the timer setting is cancelled.*
- *The zooming function with [Zoom] / [Wide], or the adjustment of brightness of the picture with or , is unavailable whilst the delay timer is operating.*

Cancelling the Delay Timer

1. Press [Options] whilst the delay timer setting is on.
   The Options Menu is displayed.
2. Press or to select "Delay Timer", then press (M).
3. Press or to select "Off", then press (M).
   "" goes off.

Sending Pictures

See "Sending Messages" on page 42 for instructions.

Deleting Pictures

See "Deleting Pictures/Images" on page 42 for instructions.

My Phone

My Phone contains several types of picture/image and sound data along with Java™ applications which can be controlled collectively. Also included in My Phone are frequently used text message phrases and accessed WAP pages (addresses) which you can use and edit.

Java™

Using Java™ Applications

Various kinds of Vodafone specific Java™ applications can be used in this phone.

To use Java™ applications, download the Java™ applications via the mobile Internet.

Some Java™ applications offer the ability to connect to a network either within a game or network based application.

Note

- *Java™ applications may be both localised (no connectivity) and network based (using the mobile Internet to update information/play games). The network may charge you more for using network-based applications. Please contact your service provider for more information.*

Downloading Java™ Applications

Confirmation screen

Before downloading the Java™ application you will be asked to confirm what you are about to receive.

After checking the information on the confirmation screen, the Java™ application can be downloaded.

Note

- *User authentication might be required before downloading the application on some information screens.*

Download

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “My Phone”, then press (M).
3. Select “My Java™ Games”, then press (M).
4. Press ▲ or ▼ to select “Download More”, then press (M).
   The Java™ application download site is displayed.
5. Select the Java™ application you wish to download.
   After a WAP browser is displayed variously, the confirmation screen will appear after a whilst.

6. Press [Get].
   Downloading starts.
7. Press [OK] even if it carries out complete.

My Java™ Games (M 2-1)

Along with the preloaded Java™ application, downloaded applications are stored in the Saved Games.

Your phone has one preloaded Java™ application.

Note

- *The phone can store approximately 700Kbytes of information across the Saved Games, Saved Pictures and Saved Sounds. The Saved Games can store up to 50 applications.*

Executing Java™ Applications

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “My Phone”, then press (M).
3. Select “My Java™ Games”, then press (M).
4. Select “Saved Games”, then press (M).
   Saved Games is displayed.
   The downloaded Java™ applications are sequentially displayed from the latest one.
5. Select the title of the Java™ application you wish to execute by pressing ▲ or ▼, then press (M).
   The selected Java™ application is executed.
   When using network connection type Java™ applications, connection to the network can be selected.

To end the Java™ application

1. Press .
2. Press ▲ or ▼ to select “End”, then press (M).
   The screen returns to stand-by screen.

To suspend the Java™ application

1. Press .
2. Press ▲ or ▼ to select “Suspend”, then press (M).
   To resume the Java™ application, press (M) during stand-by screen and select “Resume”, then press (M).

Checking the Information of the Java™ Application

1. Perform steps 1 to 4 in “Executing Java™ Applications”.
2. Select the Java™ application you wish to check, then press [Options].
   The Options Menu is displayed.

3. Select “File Information”, then press (M).
   The detailed information screen is displayed.
4. Press ▲ or ▼ to scroll through the screen.
5. When you have finished, press [Back].
   The screen returns to the Saved Games.

Deleting Java™ Applications

1. Perform steps 1 to 4 in “Executing Java™ Applications” on page 39.
2. Select the Java™ application you wish to delete, then press [Options].
   The Options Menu is displayed.
3. Press ▲ or ▼ to select “Delete”, then press (M).
4. Select “Yes”, then press (M).
   The selected application is deleted.
   To cancel deletion, select “No” at step 4, then press (M).

Note

- *You cannot delete preloaded Java™ applications.*

My Pictures (M 2-2)

Pictures that are taken by a digital camera or images that are downloaded from mobile Internet sites can be managed.

TEL: This is the folder where the pictures/images registered in the Phonebook are saved.
P: Images in PNG format
J: Pictures/Images in JPEG format
E: Animation in NEVA file (e-Animation file)
G: Images in GIF format
B: Images in BMP format
WB: Images in WBMP format
WP: Images in WPNG format

The date and time when the photo was taken is displayed as a file name for the picture.

Downloading Picture/Image File

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “My Phone”, then press (M).
3. Select “My Pictures”, then press (M).
4. Select “Download More”, then press (M).
   The picture/image file download site is displayed.

Viewing Pictures/Images

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “My Phone”, then press (M).
3. Select “My Pictures”, then press (M).
4. Select “Saved Pictures”, then press (M).
   The Saved Pictures is displayed.
5. Select the file name you wish to view by pressing ▲ or ▼, then press (M).
   The selected picture/image is displayed.
6. Once you have confirmed the picture/image, press [Back] to return to the Saved Pictures.

Checking the Picture/Image Data

Select the desired data in step 5 in “Viewing Pictures/Images”, then select “File Information” after pressing [Options] to display the Options Menu.

The file type and size of the selected picture/image are displayed. Whether the picture/image can be copied, forwarded, or saved is also displayed.

To return to the Saved Pictures, press [Back].

Changing the File Name

1. Perform steps 1 to 4 in “Viewing Pictures/Images”.
2. Select the file name you wish to change by pressing ▲ or ▼, then press [Options].
   The Options Menu is displayed.
3. Select “Rename”, then press (M).
4. Enter a new file name.
   To correct the last character, press [Clear] briefly.
   Press and hold [Clear] to clear all characters.
5. Press (M).

Note

- *Following characters cannot be used for a file name: /, \, :, *, ?, ", <, > and . (period).*

Adjusting the Size of the Picture/Image

The pictures/images that are registered in the Saved Pictures can be adjusted for use as a wall paper during stand-by or as an incoming call display.

When the picture/image size is modified, the data size is updated.

1. Perform steps 1 to 4 in “Viewing Pictures/Images”.

2. Select the file name you wish to adjust by pressing ▲ or ▼, then press [Options].
   The Options Menu is displayed.
3. Press ▲ or ▼ to select "Adjust Size", then press (M).
4. Select the picture/image size you wish to change by pressing ▲ or ▼, then press (M).
5. Specify the range for displaying the picture/image by pressing ▲, ▼, ◀ or ▶ then press (M).
6. Press (M).
   To cancel registration, press [Back] at any time before step 6.

Note

- *"Adjust Size" may not be available depending on the picture/image original and copyright issued.*

Sending Messages

1. Perform steps 1 to 4 in "Viewing Pictures/Images" on page 41.
2. Select the file name you wish to send by pressing ▲ or ▼, then press [Options].
   The Options Menu is displayed.
3. Press ▲ or ▼ to select "Send Message", then press (M).
4. Enter your message.
   For details on creating a message, see "Creating a New MMS" on page 106.

Note

- *Pictures/images with a red icon cannot be sent attached to a message.*

Deleting Pictures/Images

1. Perform steps 1 to 4 in "Viewing Pictures/Images" on page 41.
2. Select the file name you wish to delete by pressing ▲ or ▼, then press [Options].
   The Options Menu is displayed.
3. Press ▲ or ▼ to select "Delete", then press (M).
4. Select "Yes", then press (M).
   The selected picture/image is deleted.
   To cancel deletion, select "No" at step 4, then press (M).

My Sounds (M 2-3)

The ring tones instead created by Melody Editor and the WAVE data recorded by Voice Memo are managed in the Saved Sounds. Default ring tones are not contained.

: Sound file in SMAF format

: Original ringing tone (composed in Melody Editor)

: Sound file in Standard MIDI format

: Sound file in i Melody format

: Sound file in WAVE format

Note

- *SMAF (Synthetic music Mobile Application Format) is a format of music data for mobile phones.*

Downloading Sound Files

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “My Phone”, then press (M).
3. Select “My Sounds”, then press (M).
4. Select “Download More”, then press (M).
   The sound file downloaded site is displayed.

Playing Back Sounds

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “My Phone”, then press (M).
3. Select “My Sounds”, then press (M).
4. Select “Saved Sounds”, then press (M).
   The Saved Sounds is displayed.
5. Select the sound you wish to play back by pressing ▲ or ▼, then press (M).
   The selected sound is played.
   To stop playing, press [Stop].

Checking the Sound Data

Select the desired sound as in step 5 in “Playing Back Sounds”, then select “File Information” after pressing [Options].

The file type and size of the selected sound are displayed. Whether the sound can be copied, forwarded or saved is also displayed.

To return to the Saved Sounds, press [Back].

Changing the File Name

1. Perform steps 1 to 4 in “Playing Back Sounds” on page 43.
2. Select the file name you wish to change by pressing ▲ or ▼, then press [Options].
   The Options Menu is displayed.
3. Select “Rename”, then press (M).
4. Enter a new file name.
   To delete the last character, press [Clear] briefly.
   Press and hold [Clear] to clear all characters.
5. Press (M).

Note

- *Following characters cannot be used for a file name: /, \, :, *, ?, ", <, > and . (period).*

Tip

- *When “Data Edit” is displayed in the menu in step 2, you are able to edit the sound (p. 57). Once you have completed editing the newly saved file overwrites the old file. This new file then becomes the original ring tone.*

Setting the Tone and Strength

1. Perform steps 1 to 4 in “Playing Back Sounds” on page 43.
2. Select the file name you wish to edit by pressing ▲ or ▼, then press [Options].
   The Options Menu is displayed.
3. Press ▲ or ▼ to select “Tone Set” or “Strength Set”, then press (M).
   For full details, see pages 55 to 57.

Note

- *If “Tone Set” and “Strength Set” are not displayed in the menu in step 2, you cannot change the settings.*

Sending Messages

1. Perform steps 1 to 4 in “Playing Back Sounds” on page 43.
2. Select the file name you wish to send by pressing ▲ or ▼, then press [Options].
   The Options Menu is displayed.
3. Press ▲ or ▼ to select “Send Message”, then press (M).

If you select your original ringing tone in step 2;

4. Press ▲ or ▼ to select the file format “SMAF”, “MIDI” or “i Melody”, then press (M).

5. Enter your message.

   For details on creating a message, see “Creating a New MMS” on page 106.

Note

- *Sounds with a red icon cannot be sent attached to a message.*
- *Only the first part of the data will be converted if you select “i Melody” in step 4.*

Deleting Sounds

1. Perform steps 1 to 4 in “Playing Back Sounds” on page 43.
2. Select the file name you wish to delete by pressing ▲ or ▼, then press [Options].

   The Options Menu is displayed.
3. Press ▲ or ▼ to select “Delete”, then press (M).
4. Select “Yes”, then press (M).

   The selected sound has been deleted.
   To cancel deletion, select “No” at step 4, then press (M).

My Bookmarks (M 2-4)

You can store desired (or frequently used) pages (addresses) in My Bookmarks. It can save your time in accessing WAP pages sites.

Adding a Bookmark

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “My Phone”, then press (M).
3. Press ▲ or ▼ to select “My Bookmarks”, then press (M).

   The list of My Bookmarks is displayed.
4. Press [Options] to display the Options Menu.

   When you add a bookmark for the first time, press [Add] instead, then skip to step 6.
5. Press ▲ or ▼ to select “Add”, then press (M).
6. Enter the bookmark title, then press (M).
7. Enter the URL address, then press (M).

Accessing Bookmarked Pages

1. Perform steps 1 to 3 in “Adding a Bookmark”.
2. Select a bookmarked page you wish to access by pressing ▲ or ▼, then press (M).

Editing Bookmarks

1. Perform steps 1 to 3 in “Adding a Bookmark” on page 45.
2. Select the desired bookmark to edit by pressing ▲ or ▼, then press [Options].

   The Options Menu is displayed.
3. Press ▲ or ▼ to select “Edit”, then press (M).
4. Edit the bookmark title.

   For details on entering characters, see “Entering Characters” on page 24.
5. Press (M).
6. Edit the URL address.
7. Press (M).

Deleting Bookmarks

1. Perform steps 1 to 3 in “Accessing Bookmarked Pages” on page 45.
2. Select the desired bookmark to delete by pressing ▲ or ▼, then press [Options].

   The Options Menu is displayed.
3. Press ▲ or ▼ to select “Delete”, then press (M).

My Text Templates (M 2-5)

You can register up to 20 text templates for use in SMS and MMS.

You can input messages or others more easily by registering frequently used text.

128 characters may be registered in any text template.

Adding Phrases to My Text Templates

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “My Phone”, then press (M).
3. Press ▲ or ▼ to select “My Text Templates”, then press (M).

   The list of My Text Templates is displayed.
4. Select the number you wish to register by pressing ▲ or ▼, then press (M)
5. Enter the text, then press (M).

   For details on entering characters, see “Entering Characters” on page 24.

Editing Text Templates

1. Perform steps 1 to 3 in “Adding Phrases to My Text Templates”.
2. Select the number you wish to edit by pressing ▲ or ▼, then press (M).

3. Press ▲ or ▼ to select “Edit”, then press (M).
4. Enter new text.
   To correct the last character, press [Clear] briefly.
   Press and hold [Clear] to clear all characters.
5. Press (M).

Viewing Text Templates

1. Perform steps 1 to 3 in “Adding Phrases to My Text Templates” on page 46.
2. Select the number you wish to view by pressing ▲ or ▼, then press (M).
3. Press ▲ or ▼ to select “Confirm”, then press (M).
   The selected text template is displayed.
4. After confirmation, press [Back] to return to template list.

Deleting Text Templates

1. Perform steps 1 to 3 in “Adding Phrases to My Text Templates” on page 46.
2. Select the text template you wish to delete by pressing ▲ or ▼, then press (M).
3. Press ▲ or ▼ to select “Delete”, then press (M).
4. Select “Yes”, then press (M).
   The selected text template is deleted.
   To cancel deletion, select “No” at step 4, then press (M).

Memory Status (M 2-6)

This function helps you to check the memory status of the Galleries.

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “My Phone”, then press (M).
3. Press ▲ or ▼ to select “Memory Status”, then press (M).

Fun & Games

Java™ Games

Settings (M 3-1-2)

Operation Priority

You can set the method of incoming phone calls and alarm whilst a Java™ application is operated.

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select "Fun & Games", then press (M).
3. Select "Java™ Games", then press (M).
4. Press ▲ or ▼ to select "Settings", then press (M).
5. Select "Operation Priority", then press (M).
6. Select the option you wish to set by pressing ▲ or ▼, then press (M).

The options available are:

- "Incoming Call"
- "Alarm"

7. Press ▲ or ▼ to select methods, then press (M).

- "Priority":
  The Java™ application is suspended automatically, and you can receive the call or alarm will sound. After finishing the call or alarm, the suspend icon (J) is displayed and you will know there is a suspended Java™ application.
- "Notice":
  The marquee (character scrolls) is displayed on the first line on the screen whilst the Java™ application continues. If you press (↩), the Java™ application is suspended, and you can receive the call. After finishing the call, the suspend icon (J) is displayed and you will know there is a suspended Java™ application.

Volume

You can set the sound volume of the Java™ application such as sound effect to one of the five levels or silent. When "Ringer Volume" (p. 64) is set to "Silent", the set up has a priority.

1. Perform steps 1 to 4 in "Operation Priority".
2. Press ▲ or ▼ to select "Sound Volume", then press (M).
   The current volume level is displayed.
3. Press ▲ to increase the volume or press ▼ to decrease the volume and then press (M).

Backlight

You can select the method of backlight during the operation of the Java™ application from the following three types:

- "On": Lit whilst the Java™ application is operated.
- "Off": Unlit whilst the Java™ application is operated even if a key is pressed.
- "Normal Settings": Works with the main backlight setting. (p. 85)

1. Perform steps 1 to 4 in "Operation Priority" on page 48.
2. Press ▲ or ▼ to select "Backlight", then press M.
3. Select "On/Off", then press M.
4. Select "On", "Off" or "Normal Settings" by pressing ▲ or ▼, then press M.

To Set the Blinking Operation

You can set whether the blinking operation, which is embedded in Java™ application, is enabled.

1. Perform steps 1 and 2 in "Backlight".
2. Press ▲ or ▼ to select "Blink", then press M.
3. Select "On" or "Off" by pressing ▲ or ▼, then press M.

Vibration

When vibrator is set in the Java™ application, you can choose whether the operation is enabled or disabled.

When a SMAF file is specified in the Java™ application, you can operate the vibrator set in the SMAF file.

Note

- *SMAF (Synthetic music Mobile Application Format) is a format of music data for mobile phones.*

1. Perform steps 1 to 4 in "Operation Priority" on page 48.
2. Press ▲ or ▼ to select "Vibration", then press M.
3. Press ▲ or ▼ to select "Enable", "Disable" or "Link to Sound", then press M.

   When you set "Link to Sound", the Java™ application is syncronised with the vibrator.

Online Services

You can adjust the display settings of the confirmation screen when a Java™ application attempts to connect to the network.

1. Perform steps 1 to 4 in "Operation Priority" on page 48.
2. Press ▲ or ▼ to select "Online Services", then press (M).
3. Press ▲ or ▼ to select "Yes", then press (M).
   To cancel confirmation, select "No", then press (M).

Java™ Reset

To reset all settings in a Java™ application

1. Perform steps 1 to 4 in "Operation Priority" on page 48.
2. Press ▲ or ▼ to select "Java™ Reset", then press (M).
3. Enter your handset code, then press (M).
   If you enter a wrong handset code, the screen will return to step 4 in "Operation Priority" on page 48.
4. Select "Settings Reset", then press (M).
5. Press ▲ or ▼ to select "Yes", then press (M).
   All settings in a Java™ application will be reset.
   To cancel resetting, select "No", then press (M).

To clear all Java™ applications

All Java™ applications stored in Saved Games are cleared. The preloaded Java™ application cannot be deleted.

1. Perform steps 1 to 4 in "Operation Priority" on page 48.
2. Press ▲ or ▼ to select "Java™ Reset", then press (M).
3. Enter your handset code, then press (M).
   If you enter a wrong handset code, the screen will return to step 4 in "Operation Priority" on page 48.
4. Press ▲ or ▼ to select "All Clear", then press (M).
5. Press ▲ or ▼ to select "Yes", then press (M).
   All Java™ applications are cleared.
   To cancel clearing, select "No", then press (M).

Java™ Information (M 3-1-3)
The information about the license of Java™ can be displayed.

Download More (M 3-1-4)
See “Download” on page 38 for instructions.

Other Games (M 3-2)
Your phone comes complete with 3 games (PK Game, Collection Hunter, Air Hockey).

You can enjoy these 3 games soon after purchase. You can also enjoy various games by downloading Java™ application games provided in the Internet sites. (p. 38)

Starting Games
1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “Fun & Games”, then press (M).
3. Press ▲ or ▼ to select “Other Games”, then press (M).
   The game list is displayed.
4. Press ▲ or ▼ to select the desired game, then press (M).
5. Select “New Game”, then press (M).
6. When you have finished playing, press ⏻.

Note
- *If an incoming call is detected during gameplay, the game will be stopped.*

Game Guide
1. Perform steps 1 to 4 in “Starting Games”.
2. Press ▲ or ▼ to select “Guide”, then press (M).
   Game instructions are displayed.

Collection Hunter (M 3-2-2)
Check of a collection and reset of a game can be performed in “Collection Hunter”.

To Check Collection
1. Perform steps 1 to 3 in “Starting Games”.
2. Press ▲ or ▼ to select “Collection Hunter”, then press (M).
3. Press ▲ or ▼ to select “Collection View”, then press (M).

To Reset the Game
1. Perform steps 1 to 3 in “Starting Games”.
2. Press ▲ or ▼ to select “Collection Hunter”, then press (M).
3. Select “Reset Game”, then press (M).
4. Press ▲ or ▼ to select “Yes”, then press (M).

Air Hockey (M 3-2-3)

The level of the game can be chosen for "Air Hockey".

To Select a Game Level

1. Perform steps 1 to 3 in "Starting Games" on page 51.
2. Press ▲ or ▼ to select "Air Hockey", then press (M).
3. Press ▲ or ▼ to select "Level", then press (M).
4. Press ▲ or ▼ to select the level, then press (M).

Setting up Game Options (M 3-2-4)

1. Perform steps 1 to 3 in "Starting Games" on page 51.
2. Press ▲ or ▼ to select "Game Settings", then press (M).
3. Press ▲ or ▼ to select "Backlight" or "Enable Vibrate" to change the settings, then press (M).
4. Press ▲ or ▼ to select "On" or "Off", then press (M).
5. Press ▲ or ▼ to select "Sound Volume" to adjust the sound volume, then press (M).
6. Press ▲ to increase the sound volume or press ▼ to decrease the sound volume and then press (M).

Note

- *If you wish to mute the sound during gameplay, press* (*). Press (*) again to return the volume.

Melody Editor (M 3-3)

You can create an original ringing tone by yourself, or you can send a melody attached to an MMS.

You can input up to 190 tones × 16 chords, or 380 tones × 8 chords per melody.

The original ringing tone is registered in the Saved Sounds.

Creating Your Original Ringing Tone (M 3-3-1)

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select "Fun & Games", then press (M).
3. Press ▲ or ▼ to select "Melody Editor", then press (M).
4. Select "Create New", then press (M).
5. Enter the title.

   Up to 24 characters can be entered.
   For details on entering characters, see "Entering Characters" on page 24.
6. Press (M).

7. Press ▲ or ▼ to select a tempo, then press M.

The music tempo is described below.

- "Allegro (Fast)": ♩ 150
- "Moderato (Normal)": ♩ 125
- "Andante (Slow)": ♩ 107
- "Adagio (Very Slow)": ♩ 94

Tempo is defined by the number of crotchets (♩) played per minute.

8. Select "8 Chords" or "16 Chords" by pressing ▲ or ▼, then press M.

9. Specify the musical scale and rest using the digit keys.

For details on specifying the sound level and rest, see "Specify the Musical Scale and Rest" on page 54.

10. Specify the types of musical notes or rest using *+0 or # keys.

For details on specifying the musical notes and rest, "Specifying the Types of Notes and Rests" on page 54.

11. Press ▶ key after inputting one note.

Input the next note after the cursor moves to the right.

12. Repeat steps 9 to 11 to input notes.

When you press M during input, the melody that you have entered is played back.

When you press [Options] and select "Play before Cursor" whilst entering notes, the melody, that is displayed on the screen, is played back up to the cursor position.

When you press [Options] and select "Select Chord", you can select another chord. Repeat steps 9 to 11 to input notes for the new chord.

13. When you finish inputting, press [Options] to display the Options Menu.

14. Select "Save", then press M.

15. Press ▲ or ▼ to select "Save to My Phone", then press M.

Your original ringing tone is registered in the Saved Sounds.

Note

- *If the capacity or memory in the Saved Sounds becomes insufficient, the message of "Maximum Capacity* : 80 *Not registered" or "Not registered. Memory Full" is displayed respectively. At that time, the display returns to the screen of step 15. Try again after deleting unnecessary data (p. 45).*

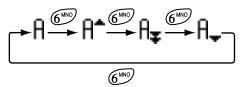
Specify the Musical Scale and Rest

Using the key shown below, specify the musical scale and rest.

Do	Re	Mi	Fa	Sol	La	Ti	Rest
1	2 ABC	3 DEF	4 GHI	5 JKL	6 MNO	7 PQRS	0

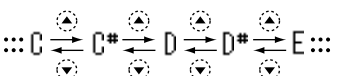
When you press the key shown above once, a crotchet is specified in the middle scale (no mark).

When you press the same key repeatedly, the note will shift cycle through the available octave ranges.



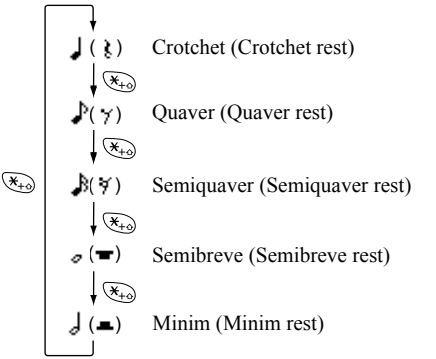
When you press ▲ or ▼ whilst a note is selected, the note will raise one semitone higher or lower.

When entering rest: Crotchet rest is entered.

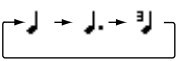


Specifying the Types of Notes and Rests

Specify notes and rests by pressing *+0 or # repeatedly.



When you make a dotted note or triplet, press 9 after selecting the target note.



Note

- *You cannot make a dotted semiquaver (semiquaver rest) or a dotted semibreve (semibreve rest).*
- *Three continuous notes are required for triplet.*

To specify a tie, press 8tuv after selecting the target notes.

An underscore (_) is displayed next to the note, and the note is tied with the next one.

To enter the next note, press ▶ and move the cursor to the right. Then, repeat the operation on the previous page.

If the cursor is positioned next to a note, you can repeat the note immediately left of the cursor when ▲ or ▼ is pressed.

Set the Tone

The phone can play notes using different instruments.

1. Perform steps 1 to 13 in "Creating Your Original Ringing Tone" on page 52.
2. Press ▲ or ▼ to select "Tone Set", then press M.
3. Select a category of the tone by pressing ◀ or ▶.
4. Select a tone by pressing ▲ or ▼, then press M.
   When "Play Current Chord" is selected, the melody entered is played back in the selected tone.
   When "Confirm Tones" is selected, the syllable names are played back in the selected tone.
5. Select "OK", then press M.
   Now you can create a melody.

You can select from the following 128 tones.

Category	Tone	Category	Tone
Pianos	Piano Bright Piano E. Grand Piano Honky-Tonk Electric Piano 1 Electric Piano 2 Harpsichord Clavi	Chimes	Celesta Glockenspiel Music Box Vibraphone Marimba Xylophone Tubular Bells Dulcimer

Category	Tone	Category	Tone
Organs	Drawbar Organ Perc. Organ Rock Organ Church Organ Reed Organ Accordion Harmonica Tango Accordion	Guitars	Nylon Guitar Steel Guitar Jazz Guitar Clean Guitar Muted Guitar Overdriven Gtr. Distortion Gtr. Gtr. Harmonics
Basses	Acoustic Bass Finger Bass Pick Bass Fretless Bass Slap Bass 1 Slap Bass 2 Synth Bass 1 Synth Bass 2	Strings 1	Violin Viola Cello Contrabass Tremolo Strings Pizz. Strings Harp Timpani
Strings 2	Str. Ensemble 1 Str. Ensemble 2 Synth Strings 1 Synth Strings 2 Choir Aahs Voice Oohs Synth Voice Orchestra Hit	Brasses	Trumpet Trombone Tuba Muted Trumpet French Horn Brass Section Synth Brass 1 Synth Brass 2

Category	Tone	Category	Tone
Reeds	Soprano Sax Alto Sax Tenor Sax Baritone Sax Oboe English Horn Bassoon Clarinet	Flutes/ Pipes	Piccolo Flute Recorder Pan Flute Blown Bottle Shakuhachi Whistle Ocarina
Synth Leads	Square Lead Sawtooth Lead Calliope Lead Chiff Lead Charang Lead Voice Lead Fifth Lead Bass & Lead	Synth Pads	New Age Pad Warm Pad Polysynth Pad Choir Pad Bowed Pad Metallic Pad Halo Pad Sweep Pad
Synth Effects	Rain Soundtrack Crystal Atmosphere Brightness Goblins Echoes Science Fiction	Ethnics	Sitar Banjo Shamisen Koto Kalimba Bagpipe Fiddle Shanai

Category	Tone	Category	Tone
Percus-sions	Tinkle Bell Agogo Steel Drums Woodblock Taiko Drums Melodic Tom Synth Drum Reverse Cymbal	Effects	Gtr. Fret Noise Breath Noise Seashore Bird Tweet Telephone Ring Helicopter Applause Gunshot
Original	Original 1 (Piano)* Original 2 (Glockenspiel)* Original 3 (Reed Organ)* Original 4 (Nylon Guitar)* Original 5 (Violin)*		

* The default setting tone.
To create your original tone, see "Creating Your Original Tone" on page 61.

Setting the Strength of the Original Ringing Tone

The strength of the original ringing tone can be set in 3 levels for each melody.

When you purchase this phone, the strength of the original ringing tone is set to "forte (Loud)".

1. Perform steps 1 to 13 in "Creating Your Original Ringing Tone" on page 52.
2. Press ▲ or ▼ to select "Strength Set", then press (M).
3. Select a strength of the tone by pressing ▲ or ▼, then press (M).
   When "Play Current Chord" is selected, the original ringing tone entered is played back in the selected strength of the tone.
4. Select "OK", then press (M).
   Now you can create an original ringing tone.

Deleting an Original Ringing Tone

Perform steps 1 to 4 in"Deleting Sounds" on page 45.

Editing Original Ringing Tones

1. Perform steps 1 to 3 in "Creating Your Original Ringing Tone" on page 52.
2. Press ▲ or ▼ to select "Existing Melodies", then press (M).

3. Press ▲ or ▼ to select an original ringing tone you wish to edit, then press [Options].
   The Options Menu is displayed.
4. Press ▲ or ▼ to select “Data Edit”, then press M.
5. Edit the title and press M.
6. Press ▲ or ▼ to select a tempo, then press M.
7. Press ▲ or ▼ to select the number of chords, then press M.
8. Select a note you wish to change by pressing ◀ or ▶, then edit notes.
   For details on editing tones, see “Tone Editor” on page 59.
   When you add notes, enter the note correctly on the cursor.
   To delete a note, press [Clear] briefly.
   Press and hold [Clear] to clear all tones.
9. When you finish editing, press [Options] to display the Options Menu.
10. Select “Save”, then press M.
11. Select “Save to My Phone”, then press M.
12. Press ▲ or ▼ to select “Over Write”, then press M.
    The original ringing tone is changed.
    If you select “New”, the melody before the correction is not modified. The original ringing tone is registered as a new original ringing tone.

Note

- *When the number of chords is modified in step 7, the confirmation screen may be displayed. When you select “Yes”, a section of the melody may be deleted.*
- *When you are going to add notes in step 8, you cannot add any notes if you have already entered 380 notes (for 8 chords melodies) or 190 notes (for 16 chords melodies).*

Tip

- *To delete the continuous melody, press [Options] and then press M after selecting “DEL after Cursor” or “DEL before Cursor.” You can delete the melody after the cursor or before the Cursor.*

Copying and Pasting Notes

You can copy and move a part of a melody to another position.

Only original ringing tones or editable melodies can be copied or moved.

1. Perform steps 1 to 7 in “Editing Original Ringing Tones” on page 57.
2. Press [Options] to display the Options Menu.
3. Press ▲ or ▼ to select “Copy” or “Cut”, then press M.
4. Move the cursor to the first note to be copied or to be cut and press M.
5. Move the cursor to the last note to highlight the area and press M.

   The highlighted area will be saved temporarily in the memory.
6. Press [Options] to display the Options Menu.
7. Press ▲ or ▼ to select “Paste”, then press M.
8. Move the cursor to the point you wish to paste the notes, then press M.

   Saved notes are pasted.

Tone Editor (M 3-4)

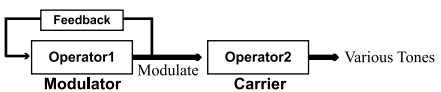
You can make a tone and use it for the original ringing tone.

Up to five types of tones can be registered respectively for 8 chords and 16 chords.

FM Sound Source

Various types of tones can be composed by combining the functions that generate one sine wave called an “Operator”. The combination of the operator is called an algorithm.

The operator acts as the modulator (modulating part) or the carrier (modulated part) depending on the algorithm.

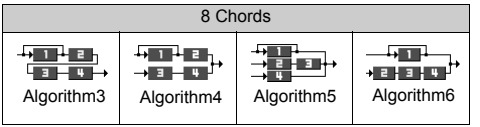


- In each operator, various parameters such as multiple or envelope can be set.
- By setting the feedback to the specified operator, wider tone ranges can be created.

Setting an Algorithm

Set the combination of the operator.

Select from 4 types of combinations in 8 chords, and 2 types in 16 chords.



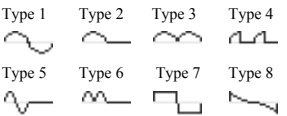
1 (Green number): The modulator (modulating part)

2 (White number): The carrier (modulated part)

Setting the Operator

The meaning and content of the parameter that can be set to the operator is described below.

Parameter	Meaning
Multiple (13 levels)	When the value of the carrier is large, the sound becomes high. You can set various types of notes by changing the values of the modulator.
Envelope (Continuous/Decay)	This sets continuous same note or fade-out.
Sustain (On/Off)	This sets a note to be sustained after completing the note. If you want to have a note with reverberation, set this function on.
Key Scale Rate (2 levels)	Set the function to “2” if you want to a short note.
Key Scale Level (4 levels)	This function sets the rate of reducing the volume as a note becomes higher.
Total Level (64 levels)	In the carrier, the volume becomes large as this level becomes higher. In the modulator, the melody becomes brighter as this level becomes higher. The melody becomes softer as this level becomes smaller.
Attack Rate (15 levels)	This sets the time from the beginning of the sound to the maximum volume.

Parameter	Meaning
Decay Rate (16 levels)	This sets the time from the maximum volume to the volume of the sustain level.
Sustain Level (16 levels)	In sustaining note, this displays the volume of the sound that continues to produce. In fading-out note, this displays the volume when the note starts fading-out.
Release Rate (16 levels)	In sustaining note, this displays the sustaining time from note completion to no sound. In fading-out note, this displays the time from starting fade-out to no sound.
Wave Shape (8 types)	Select the basic wave type from eight types. 
Vibrato (4 levels/ Off)	Set the vibrato. If the vibrato is used, select from 4 levels.
Tremolo (4 levels/ Off)	Set the tremolo. If the tremolo is used, select from 4 levels.
Feedback (8 levels)	Set the level of modulation in the modulator feedback for Operator 1.

Set the Effect Frequency

Define the frequency of the vibrato or tremolo.

The frequency becomes faster as the figure increases.

Creating Your Original Tone

1. Press (M) to display the Main Menu.
2. Press (▲) or (▼) to select “Fun & Games”, then press (M).
3. Press (▲) or (▼) to select “Tone Editor”, then press (M).
4. Select “For 8 Chords” or “For 16 Chords” by pressing (▲) or (▼), then press (M).
5. Select the number you wish to register and press (M).
6. Press (▲) or (▼) to select “Rename”, then press (M).
7. Enter the title.

   Up to 16 characters can be entered.
   For details on entering characters, see “Entering Characters” on page 24.
8. Press (M).
9. Press (▲) or (▼) to select “Base Tone Set”, then press (M).
10. Select a category of the tone by pressing (◀) or (▶).

11. Select a base tone by pressing ▲ or ▼, then press Ⓜ.

When “Confirm Tones” is selected, the syllable names are played back in the selected tone.

12. Select “OK”, then press Ⓜ.

13. Press ▲ or ▼ to select “Details Editor”, then press Ⓜ.

14. Press ▲ or ▼ to select “Algorithm x”, then press Ⓜ.

15. Select an algorithm you wish to set by pressing ▲ or ▼, then press Ⓜ.

If you do not wish to change the operator, skip to step 20.

16. Select an operator you wish to change by pressing ▲ or ▼, then press Ⓜ.

The basic note parameter is set in advance.

17. Select a parameter you wish to change by pressing ▲ or ▼.

18. Press ◀ or ▶ to change the content of the parameter.

For details of parameter, see pages 60 to 61.

When you press Ⓜ, the syllable names are played back in the selected content of the parameter.

Repeat steps 17 and 18 to change another content of the parameter.

19. Press ▲ or ▼ to select “Setup End”, then press Ⓜ.

If you do not wish to change the effect frequency, skip to step 22.

20. Press ▲ or ▼ to select “Effect Frequency”, then press Ⓜ.

21. Select the effect frequency you wish to set by pressing ▲ or ▼, then press Ⓜ.

22. Press ▲ or ▼ to select “Details End”, then press Ⓜ.

23. Press ▲ or ▼ to select “Save”, then press Ⓜ.

Your original tone is registered.

Profiles (M 4)

You can easily alter the phone tone (e.g. the ringer volume, keypad tones, etc.) according to your environment.

Tone sound and vibration set can be customized for each profile.

There are 5 profiles including one user definable profile:

- Normal
- Meeting
- Activity
- Car
- Silent

Activating a Profile

1. Press (M) to display the Main Menu.
2. Press (▲) or (▼) to select "Profiles", then press (M).
3. Select the profile you wish to activate by pressing (▲) or (▼), then press (M).
4. Press (▲) or (▼) to select "Activate", then press (M). The profile will now be activated.

Note

- *When a profile is set, the icon which corresponds to the profile name appears in the stand-by screen:*

Normal:	*Is the default setup. (not displayed in the stand-by screen)*
Meeting:	*For use when discretion is needed.*
Activity:	*For use in busy environments.*
Car:	*For use in the car. (connected to a hands free kit)*
Silent:	*For use when silence is needed. All sounds are muted and you are alerted to calls with the vibrator.*

Tip

- *You can also activate a profile by pressing and holding (#) for approximately 2 seconds instead of steps 1and 2.*

Customising Profiles

1. Perform steps 1 and 2 in "Activating a Profile".
2. Select the profile you wish to customise by pressing (▲) or (▼), then press (M).
3. Press (▲) or (▼) to select "Edit", then press (M).
4. Select the setting you wish to customise by pressing (▲) or (▼), then press (M).

5. Change the setting you want.
   For details about settings, see pages 64 to 68.

Resetting Profile Settings

1. Perform steps 1 and 2 in “Activating a Profile” on page 63.
2. Select the profile you wish to reset by pressing ▲ or ▼, then press (M).
3. Press ▲ or ▼ to select “Edit”, then press (M).
4. Press ▲ or ▼ to select “Set to Default”, then press (M).
5. Enter your handset code, then press (M).
6. Press ▲ or ▼ to select “Yes”, then press (M).
   To cancel the resetting, select “No”, then press (M).

Note

- *If you enter a wrong handset code in step 5, the screen returns to step 4.*

Ringer Volume

You can adjust the ringer volume to one of 5 levels.

When it is set to “Silent”, the volume of games and Java™ applications is muted.

1. Perform steps 1 to 3 in “Customising Profiles” on page 63.
2. Press ▲ or ▼ to select “Ringer Volume”, then press (M).
   The current volume level is displayed.
3. Press ▲ to increase the ringer volume or press ▼ to decrease the ringer volume and then press (M).
   To select “Step Tone”, press ▲ at level 5.
   To select “Silent”, press ▼ at level 1.

Ringer Type

You can select the ringing tone from 30 tones including 5 patterns, 15 sound effects and 10 melodies. You can also select a sound in the Saved Sounds as the default ringing tone excluding the WAVE format.

1. Perform steps 1 to 3 in “Customising Profiles” on page 63.
2. Press ▲ or ▼ to select “Assign Melody”, then press (M).

3. Press ▲ or ▼ to select “Preset Melody” or “My Sounds”, followed by M.
4. Select the ringing tone you wish to use by pressing ▲ or ▼.
   If you wish to hear the demo, press [Play].
   To stop playing, press [Stop].
5. When selection is complete, press M.

Vibration

When the vibrator option is set to on, the phone will vibrate for incoming calls regardless of the ringer volume and tone settings.

1. Perform steps 1 to 3 in “Customising Profiles” on page 63.
2. Press ▲ or ▼ to select “Vibration”, then press M.
3. Press ▲ or ▼ to select “Enable”, “Disable” or “Link to Sound”, then press M.

Tip

- *When “Link to Sound” is selected in step 3, melodies are synchronised with the vibrator for the ringing tone. However, this function may not work depending on data.*
- *When you select “Enable” or “Link to Sound” in step 3, “*  *” appears on the stand-by screen.*

Keypad Tones

When the keypad tone is set to on, you will hear a confirmation tone each time you press a numerical key.

1. Perform steps 1 to 3 in “Customising Profiles” on page 63.
2. Press ▲ or ▼ to select “Keypad Tones”, then press M.
3. Press ▲ or ▼ to select “On” or “Off”, then press M.
   If you select “Off”, the screen returns to step 1.
4. Set “Volume”, then press M.
5. Press ▲ to increase the volume or press ▼ to decrease the volume, then press M.
6. Press ▲ or ▼ to select “Melody”, then press M.
7. Press ▲ or ▼ to select either “Preset Melody”, “My Sounds” or “Default Tone”, then press M.

When you select “Preset Melody” or “My Sounds” in step 7:

8. Select the keypad tone.

   For details on selecting a ringing tone, see “Ringer Type” on page 64.

9. Press ▲ or ▼ to select “Duration”, then press M.

10. Set the duration by pressing ▲ or ▼, then press M.

Warning Tone

This function enables your phone to emit the warning tone when an error occurs.

1. Perform steps 1 to 3 in “Customising Profiles” on page 63.
2. Press ▲ or ▼ to select “Warning Tone”, then press M.
3. Press ▲ or ▼ to select “On” or “Off”, then press M.

   If you select “Off”, the screen returns to step 1.
4. Select “Volume”, then press M.
5. Press ▲ to increase the volume or press ▼ to decrease the volume, then press M.
6. Press ▲ or ▼ to select “Melody”, then press M.
7. Press ▲ or ▼ to select “Preset Melody” or “My Sounds”, then press M.
8. Select the warning tone.

   For details on selecting a ringing tone, see “Ringer Type” on page 64.
9. Press ▲ or ▼ to select “Duration”, then press M.
10. Select the duration by pressing ▲ or ▼, then press M.

Power On/Off Sound

You can set up to emit a sound and select the melody, volume and duration when the phone is turned on or off.

1. Perform steps 1 to 3 in “Customising Profiles” on page 63.
2. Press ▲ or ▼ to select “Power On Sound” or “Power Off Sound”, then press M.

3. Press ▲ or ▼ to select “On” or “Off”, then press (M).

   If you select “Off”, the screen returns to step 1.
4. Select “Volume”, then press (M).
5. Press ▲ to increase the volume or press ▼ to decrease the volume and then press (M).
6. Press ▲ or ▼ to select “Melody”, then press (M).
7. Press ▲ or ▼ to select “Preset Melody” or “My Sounds”, then press (M).
8. Select the alarm tone.

   For details on selecting a ringing tone, see “Ringer Type” on page 64.
9. Press ▲ or ▼ to select “Duration”, then press (M).
10. Enter the duration of alarm tone in 2 digits (01 to 10 seconds) using the digit keys, then press (M).

Message Alert

When receiving messages, special ring tones can be set.

1. Perform steps 1 to 3 in “Customising Profiles” on page 63.
2. Press ▲ or ▼ to select “Message Alert”, then press (M).
3. Press ▲ or ▼ to select “MMS”, “SMS” or “WAP”, then press (M).
4. Select “Volume”, then press (M).
5. Press ▲ to increase the volume or press ▼ to decrease the volume and then press (M).
6. Press ▲ or ▼ to select “Melody”, then press (M).
7. Press ▲ or ▼ to select “Preset Melody” or “My Sounds”, then press (M).
8. Select the ringing tone.

   For details on selecting a ringing tone, see “Ringer Type” on page 64.
9. Press ▲ or ▼ to select “Vibration”, then press (M).
10. Press ▲ or ▼ to select “Enable”, “Disable” or “Link to Sound”, then press (M).

11. Press ▲ or ▼ to select “Duration”, then press M.
12. Enter the duration of ring tone in 2 digits (01 to 99 seconds) using the digit keys, then press M.

Low Battery Alert

Adjust the volume of the alarm when the battery becomes low.

1. Perform steps 1 to 3 in “Customising Profiles” on page 63.
2. Press ▲ or ▼ to select “Low Battery Alert”, then press M.
3. Press ▲ to increase the volume or press ▼ to decrease the volume and then press M.

Any Key Answer

1. Perform steps 1 to 3 in “Customising Profiles” on page 63
2. Select “Any Key Answer”, then press M.
3. Select “On” or “Off” by pressing ▲ or ▼, then press M.

Organiser

Calculator (M 5-1-1)

The calculator function performs the 4 arithmetic calculations using up to 12 digits.

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select "Organiser", then press (M).
3. Select "Calculator", then press (M).
4. Select "Calculator", then press (M).
   The calculator appears on the display.
5. Key operations for calculation are as follows.



   To enter a decimal point, press # .
   To clear the entered number or operand, press [C].
   To do the calculations, press ↵ .
6. If you wish to start a new calculation, press [C].
   When calculation is complete, press ⏻ .

Rate Conversion

You can also use the calculator as a currency calculator to convert from/to a home currency using a conversion rate that you enter.

To Set a Currency Conversion Rate (M 5-1-2)

1. Perform steps 1 to 3 in "Calculator".
2. Press ▲ or ▼ to select "Exchange Rate", then press (M).
3. Press ▲ or ▼ to select "Foreign → Domestic" or "Domestic → Foreign", then press (M).
   To delete all digits, press [Clear].
4. Enter the currency conversion rate, then press (M).

To Convert a Value

1. Perform steps 1 to 4 in "Calculator".
2. Enter the value to be converted, then press (M).

3. Press ▲ or ▼ to select “In Domestic” or “In Foreign”, then press M.
   The result is displayed.
   If you select “Exchange Rate” in step 3, you can set a currency conversion rate.
4. When calculation is complete, press ⏻.

Note

- *You cannot perform step 2 when a sign of the four fundamental processes of arithmetic is displayed.*

Calendar (M 5-2)

The Calendar function helps you organise and manage your busy schedule. You can view the stored schedule on a monthly basis.

1. Press M to display the Main Menu.
2. Press ▲ or ▼ to select “Organiser”, then press M.
3. Press ▲ or ▼ to select “Calendar”, then press M.
   The current month will be displayed and current date will be highlighted.
4. Select the day for the schedule by pressing ▲, ▼, ◀ or ▶, then press M.
5. Press ▲ or ▼ and select the note number, then press M.
6. Enter the schedule content, press M.
   Up to 3 schedule items can be stored.
   For details on entering characters, see “Entering Characters” on page 24.
   If you wish to add another item, repeat steps 5 and 6.
7. When you have finished entering, press [Back].
   The screen returns to the calendar. Dates with scheduled tasks/meetings are underlined.

Note

- *The calendar can be displayed for dates from January 2000 through to December 2099.*

Find a Particular Date

You can move the view to a specified date in the calendar.

1. Press [Options] to display the Option Menu.
2. Select “Go to Date”, then press M.
3. Enter the date of the calendar to be displayed, then press M.
   The specified date is displayed.

Deleting Schedules

To Delete Schedule Items

1. Perform steps 1 to 3 in "Calendar" on page 70.
2. Select the day by pressing ▲, ▼, ◀ or ▶, then press (M).
3. Select the item you wish to delete by pressing ▲ or ▼, then press [Options].
   The Options Menu is displayed.
4. Press ▲ or ▼ to select "Delete", then press (M).
5. Select "1 Data", then press (M).
6. Select "Yes", then press (M).
   To cancel deleting, select "No" at step 6, then press (M).

To Delete All Scheduled Tasks/Meetings for a Specific Day

1. Perform steps 1 to 3 in "Calendar" on page 70.
2. Select the day you wish to delete by pressing ▲, ▼, ◀ or ▶, then press [Options].
   The Options Menu is displayed.
3. Press ▲ or ▼ to select "Delete", then press (M).
4. Select "1 Day" to delete all contents for a day, then press (M).
5. Select "Yes", then press (M).
   To cancel deleting, select "No" at step 5, then press (M).

To Delete All Scheduled Entries

1. Perform steps 1 to 3 in "Calendar" on page 70.
2. Press [Options] to display the Options Menu.
3. Press ▲ or ▼ to select "Delete" to delete all scheduled entries, then press (M).
4. Press ▲ or ▼ to select "All Data" to delete all scheduled entries, then press (M).
5. Select "Yes", then press (M).
   To cancel deleting, select "No" at step 3, then press (M).

Clock & Alarm

You need to set the correct time and date in order for your phone's various time-based functions to work correctly.

Setting the Date and Time (M 5-3-4)

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select "Organiser", then press (M).
3. Press ▲ or ▼ to select "Clock & Alarm", then press (M).

4. Press ▲ or ▼ to select “Set Date/Time”, then press M.
5. Enter the day, month, year and time using the digit keys, then press M.

   When you enter the alarm time in a 12-hour clock format, press *+○ and change am/pm.
   The order in which the date and time appears is based on the format setting. See “To Select the Date Format”.

To Select the Time System

1. Perform steps 1 to 3 in “Setting the Date and Time” on page 71.
2. Press ▲ or ▼ to select “Clock Settings”, then press M.
3. Select “Time Format”, then press M.
4. Press ▲ or ▼ to select “12 hour” or “24 hour”, then press M.

To Select the Date Format

The date format can be switched between “Day-Month-Year”, “Month-Day-Year” or “Year-Month-Day”.

1. Perform steps 1 to 3 in “Setting the Date and Time” on page 71.
2. Press ▲ or ▼ to select “Clock Settings”, then press M.
3. Press ▲ or ▼ to select “Date Format”, then press M.
4. Press ▲ or ▼ to select “D-M-Y”, “M-D-Y” or “Y-M-D”, then press M.

To Set the Clock Display

1. Perform steps 1 to 3 in “Setting the Date and Time” on page 71.
2. Press ▲ or ▼ to select “Clock Settings”, then press M.
3. Press ▲ or ▼ to select “Display Format”, then press M.
4. Press ▲ or ▼ to select “Time Only”, “Date Only” or “Date & Time”, then press M.

   To set hide clock, select “Off” at step 4, then press M.
   When “Wall Paper” is set to “On”, the date is not displayed in the main screen.

To Set Daylight Saving Time

You can switch to daylight saving time without having to change the clock time itself.

1. Perform steps 1 to 3 in “Setting the Date and Time” on page 71.

2. Press ▲ or ▼ to select “Clock Settings”, then press M.
3. Press ▲ or ▼ to select “Daylight Saving”, then press M.
4. Press ▲ or ▼ to select “On”, then press M.

Setting the Time Zone (M 5-3-3)

1. Perform steps 1 to 3 in “Setting the Date and Time” on page 71.
2. Press ▲ or ▼ to select “Set Time Zone”, then press M.
3. Select “Change Zone”, then press M.
4. Press ◀ or ▶ to set the home city, then press M.

To Customise the Time Zone

1. Perform steps 1 to 3 in “Setting the Date and Time” on page 71.
2. Press ▲ or ▼ to select “Set Time Zone”, then press M.
3. Press ▲ or ▼ to select “Set Custom Zone”, then press M.
4. Enter the time using the digit keys, then press M. Each press of *+◇ switches - and +.

Setting Alarm (M 5-3-1)

Alarm function allows you to be alerted at a specified time.

Note that the alarm may not function correctly if the clock has not been set.

1. Press M to display the Main Menu.
2. Press ▲ or ▼ to select “Organiser”, then press M.
3. Press ▲ or ▼ to select “Clock & Alarm”, then press M.
4. Select “Set Alarm”, then press M.
5. Select “List Alarm”, then press M.
6. Press ▲ or ▼ to select the desired alarm number, then press M.
   Up to 5 alarm times can be specified.
7. Select “Set Time”, then press M.
8. Enter the alarm time using the digit keys, then press M.
   When you enter the alarm time in a 12-hour clock format, press *+◇ and change am/pm.
9. Press ▲ or ▼ to select “Repeat Daily”, then press M.

10. Press ▲ or ▼ to select “On” or “Off”, then press (M).

11. Press ▲ or ▼ to select “Alarm Status”, then press (M).

12. Press ▲ or ▼ to select “On”, then press (M).

To Change the Type of Alarm Tone

1. Perform steps 1 to 6 in “Setting Alarm” on page 73.

2. Press ▲ or ▼ to select “Alarm Tone”, then press (M).

3. Select “Melody”, then press (M).

4. Press ▲ or ▼ to select “Preset Melody” or “My Sounds”, then press (M).

5. Select the alarm tone.
If you wish to hear the demo play, press [Play].
To stop playing, press [Stop].

6. When selection is complete, press (M).

To Change the Vibration of Alarm

1. Perform steps 1 to 6 in “Setting Alarm” on page 73.

2. Press ▲ or ▼ to select “Alarm Tone”, then press (M).

3. Press ▲ or ▼ to select “Vibration”, then press (M).

4. Press ▲ or ▼ to select “Enable”, “Disable” or “Link to Sound”, then press (M).

To Change the Duration of Alarm

1. Perform steps 1 to 10 in “Setting Alarm” on page 73.

2. Press ▲ or ▼ to select “Alarm Tone”, then press (M).

3. Press ▲ or ▼ to select “Duration”, then press (M).
The current duration is displayed.

4. Enter the length of the duration in 2 digits (02 to 59 seconds) using the digit keys, then press (M).

Changing Alarm Settings

1. Perform steps 1 to 5 in “Setting Alarm” on page 73.
2. Select the number you wish to change by pressing ▲ or ▼, then press (M).
3. Change Alarm settings.
   For details on changing Alarm settings, see “To Change the Type of Alarm Tone” on page 74.

Disabling Alarm Function

1. Perform steps 1 and 2 in “Changing Alarm Settings”.
2. Press ▲ or ▼ to select “Alarm Status”, then press (M).
3. Press ▲ or ▼ to select “Off”, then press (M).
   “ 🔔 ” disappears from the screen.

Resetting an Alarm Setting

1. Perform steps 1 to 5 in “Setting Alarm” on page 73.
2. Select the number you wish to reset by pressing ▲ or ▼, then press (M).
3. Press ▲ or ▼ to select “Reset Alarm”, then press (M).
4. Press ▲ or ▼ to select “Yes”, then press (M).

Resetting All Alarm Settings

1. Perform steps 1 to 4 in “Setting Alarm” on page 73.
2. Press ▲ or ▼ to select “Clear All”, then press (M).
3. Press ▲ or ▼ to select “Yes”, then press (M).

Voice Memo (M 5-4)

This allows you to record a voice message of up to 10 seconds, which can be used to remind you of schedule entries or be sent within an MMS. The recorded voice memo is registered in the My Sounds.

Recording a Voice Memo

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “Organiser”, then press (M).
3. Press ▲ or ▼ to select “Voice Memo”, then press (M).
4. Press (M) to start recording.
   To stop recording before the recording time is over, press [Stop].

5. Select “Save” to save the voice memo, then press (M).

   If you wish to exit the voice memo, press [Exit], then select “Yes”.

Tip

- *You can also record a voice memo by pressing* (M) and (#) *instead of steps 1 to 3.*
- *If you wish to record a voice memo again, select “Record Again” in step 5. The screen will return to step 4.*

To Play Back the Saved Voice Memo

1. Perform steps 1 to 4 in “Recording a Voice Memo” on page 75.
2. Press (▲) or (▼) to select “Playback”, then press (M).
3. Press (M).

   The recorded voice memo is played back.

   To stop playback, press [Stop].

Help List (M 5-5)

You can view the help list and use it to guide you in the phone’s functions.

1. Press (M) to display the Main Menu.
2. Press (▲) or (▼) to select “Organiser”, then press (M).
3. Press (▲) or (▼) to select “Help List”, then press (M).

   The help list is displayed.
4. Check the key operation by pressing (▲) and (▼).
5. When you have finished, press [Back].

Call Manager

Call Log

The phone will record the last 10 missed calls, received calls and dialled numbers.

Viewing Call Log

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select "Call Manager", then press (M).
3. Press ▲ or ▼ to select "Call Register", then press (M).
4. Press ▲ or ▼ to select "Missed Calls", "Received Calls" or "Dialled Numbers", then press (M).
   The selected call log list is displayed.
5. Select the number you wish to view by pressing ▲ or ▼.
6. Press [View].
   Call record "1" is the most recent.
   When you press ▼, call record "2" will be displayed.
   If you wish to dial the number, press .
7. When you have finished, press [Back] to return to step 4.

Tip

- *You can also confirm call records by pressing in stand-by mode.*
- *You can switch between histories by pressing ◄ or ► in step 5 only when you enter by in stand-by mode.*

Sending Messages

1. Perform steps 1 to 5 in "Viewing Call Log".
2. Select the file name you wish to send by pressing ▲ or ▼, then press (M).
3. Press ▲ or ▼ to select "Send Message", then press (M).
4. Press ▲ or ▼ to select "MMS" or "SMS", then press (M).
5. Enter your message.
   For details on creating a message, see "Creating a New MMS" on page 106 or "Creating a New SMS" on page 114.

Deleting Call Log

Deleting Single Call Record

1. Perform steps 1 to 5 in "Viewing Call Log".
2. Press (M).
3. Press ▲ or ▼ to select "Delete", then press (M).

4. Press ▲ or ▼ to select “Yes”, then press (M).
   The selected call record will be deleted.
   To cancel deletion, select “No” in step 4, then press (M).

To Delete All Call Log (M 6-2-4)

1. Perform steps 1 to 3 in “Viewing Call Log” on page 77.
2. Press ▲ or ▼ to select “Clear Logs”, then press (M).
3. Select “All Calls”, then press (M).
4. Press ▲ or ▼ to select “Yes”, then press (M).
   All call log records will be deleted.
   To cancel deleting, select “No” in step 4, then press (M).

Tip

- *If you select “Missed Calls”, “Received Calls” or “Dialled Numbers” in step 3, the call log in the selected category will be deleted.*

Call Timers (M 6-2-5)

This function lets you check the duration of your calls.

Checking the Duration of the Last Call

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “Call Manager”, then press (M).
3. Press ▲ or ▼ to select “Call Register”, then press (M).
4. Press ▲ or ▼ to select “Call Timers”, then press (M).
5. Select “Last Call”, then press (M).
   The duration of the last call is now displayed.
6. When you have finished, press [Back] to return to call timers menu.

Checking the Total Call Time

1. Press ▲ or ▼ to select “All Calls”, then press (M) in step 5 in “Checking the Duration of the Last Call”.
2. When you have finished, press [Back].

Call Costs (M 6-2-6)

This function lets you check the charges for your calls. Charging Advice is not supported on all networks. Please check with your service provider for availability.

Checking the Cost of the Last Call

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select "Call Manager", then press (M).
3. Press ▲ or ▼ to select "Call Register", then press (M).
4. Press ▲ or ▼ to select "Call Costs", then press (M).
5. Select "Last Call", then press (M).
   The cost of the last call is now displayed.
6. When you have finished, press [Back] to return to call timers menu.

Checking the Total Call Cost

1. Press ▲ or ▼ to select "All Calls", then press (M) in step 5 in "Checking the Cost of the Last Call".
2. When you have finished, press [Back].

Setting the Charge Rate

Set the charge rate to calculate the call cost and set the maximum limit for call cost.

1. Perform steps 1 to 4 in "Checking the Cost of the Last Call".
2. Press ▲ or ▼ to select "Cost Units", then press (M).
3. Press ▲ or ▼ to select "Set Units", then press (M).
4. Enter your PIN2 code, then press (M).
5. Enter a cost per unit, then press (M).
   To enter a decimal point, press (#).
6. Enter a currency unit (up to 3 characters), then press (M).

Checking the Charge Rate

1. Select “Read Units”, then press (M) at step 3 in “Setting the Charge Rate” on page 79.
   The charge rate is now displayed.
2. When you have finished, press [Back].

Setting the Charge Limit

This function is useful if you wish to make sure you do not exceed a certain charge limit.

1. Perform steps 1 to 4 in “Checking the Cost of the Last Call” on page 79.
2. Press ▲ or ▼ to select “Max Cost”, then press (M).
3. Press ▲ or ▼ to select “Set Limit”, then press (M).
4. Enter your PIN2 code, then press (M).
5. Enter a value, then press (M).
   To enter a decimal point, press #.

Checking the Charge Limit

1. Select “Read Limit”, then press (M) at step 3 in “Setting the Charge Limit”.
   The value of the charge limit is now displayed.
2. When you have finished, press [Back].

Resetting All Call Timers and Call Costs

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “Call Manager”, then press (M).
3. Press ▲ or ▼ to select “Call Register”, then press (M).
4. Press ▲ or ▼ to select “Call Timers” or “Call Costs”, then press (M).
5. Press ▲ or ▼ to select “Clear Timers” or “Clear Costs”, then press (M).
6. Press ▲ or ▼ to select “Yes”, then press (M).
   To cancel resetting, select “No”, then press (M).
7. Enter your PIN2 code, then press (M).
   The Call Timers and Costs are reset to zero.

Checking the Residual Credit

1. Perform steps 1 to 4 in “Checking the Cost of the Last Call” on page 79.
2. Press ▲ or ▼ to select “Residual Credit”, then press (M).
3. When you have finished, press [Back].

Data Counter (M 6-2-7)

You can confirm the amount of bytes which you used in the GPRS transmission.

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “Call Manager”, then press (M).
3. Press ▲ or ▼ to select “Call Register”, then press (M).
4. Press ▲ or ▼ to select “Data Counter”, then press (M).
5. Press ▲ or ▼ to select “Last Data” or “All Data”, then press (M).
   You can now check the amount of bytes.
6. When you have finished, press [Back].

Resetting All Data Counter

1. Perform steps 1 to 4 in “Data Counter”.
2. Press ▲ or ▼ to select “Clear Counter”, then press (M).
3. Press ▲ or ▼ to select “Yes”, then press (M).
   The Data Counter is reset to zero. To cancel resetting, select “No” at step 3, then press (M).

Diverts (M 6-3)

This service is used to divert incoming calls to your voice mail system or to another number depending on certain conditions in which you cannot answer a call.

Divert Calls

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “Call Manager”, then press (M).
3. Press ▲ or ▼ to select “Diverts”, then press (M).
4. Select one of the divert options by pressing ▲ or ▼, then press (M).

The divert options available are:

- “All Calls”: Diverts all voice calls without ringing.
- “When Busy”: Diverts incoming calls when you are on a call.
- “No Answer”: Diverts incoming calls if you do not answer a call within a certain period of time.
- “Not Reachable”: Diverts incoming calls when your phone is out of network service or switched off.

5. Select “On”, then press (M).
6. If you wish to divert calls to a number which is located in the Phonebook, search for the desired Phonebook entry.
   Press ▶ or [Search] to search the number by name or press ▲ or ▼ to search in alphabetical order, then press (M). For details on searching the Phonebook entries, see “Finding a Name and Number” on page 28.
7. If you wish to divert calls to a number which you can enter manually, enter the phone number.
8. Press (M).

If you select “No Answer” in step 4:

9. Enter the period of time using the digit keys (05 to 30 seconds), then press (M).

Note

- *When a divert is set to “All Calls”, “ ” appears on the stand-by screen.*

Tip

- *If you select “By Service” in step 5, you can select the divert option further in the selected option in step 4.*

Checking the Divert Status

1. Perform steps 1 to 3 in “Divert Calls” on page 81.
2. Select the divert option you wish to check by pressing ▲ or ▼, then press (M).
3. Press ▲ or ▼ to select “Status”, then press (M).
   You can now check the status of the selected divert option.
4. When you have finished, press [Back].

Cancelling All Divert Settings

1. Perform steps 1 to 3 in “Divert Calls” on page 81.
2. Press ▲ or ▼ to select “Cancel All”, then press (M).
3. Press ▲ or ▼ to select “Yes”, then press (M).
   To cancel the resetting, select “No” in step 3, then press (M).
4. Press [OK].
   All divert settings are cancelled.

To cancel the Divert Settings Individually

1. Perform steps 1 to 3 in “Divert Calls” on page 81.
2. Select the divert option you wish to cancel by pressing ▲ or ▼, then press (M).
3. Press ▲ or ▼ to select “Off”, then press (M).
4. Press [OK].
   The selected divert has been cancelled.

Settings

Phone Settings

Changing the Language (M 7-1-1)

You can change the display language that the phone uses for the display messages and text entry.

1. Press (M) to display the Main Menu.
2. Press (▲) or (▼) to select “Settings”, then press (M).
3. Select “Phone Settings”, then press (M).
4. Select “Language”, then press (M).
5. Press (▲) or (▼) to select the desired language, then press (M).

Wall Paper for the Stand-by Screen (M 7-1-2)

For the stand-by screen, an animation and 3 illustrations are provided.

Pictures taken with the digital camera or images downloaded from a WAP site can be used for Wall Papers.

To Set Built-in Animations or Illustrations

1. Perform steps 1 to 3 in “Changing the Language”.
2. Press (▲) or (▼) to select “Wall Paper”, then press (M).
3. Press (▲) or (▼) to select “On”, then press (M).
4. Select “Animation” or “Illustration 1” to “Illustration 3” by pressing (▲) or (▼), then press (M).
5. Press (M) again to set.

   The selected animation or illustration is displayed on the stand-by screen.

Note

- *Even if an animation is selected, the stand-by screen displays a static picture/image when you do not operate the phone for about 30 seconds (It is different according to the selected data).*

Tip

- *To cancel the Wall Paper setting, select “Off” in step 5.*

To Set My Pictures for the Stand-by Screen

1. Perform steps 1 to 3 in "To Set Built-in Animations or Illustrations" on page 84.
2. Press ▲ or ▼ to select "My Pictures", then press M.

   The file names of the pictures/images that are registered in the Saved Pictures is displayed.
3. Select the picture/image by pressing ▲ or ▼, then press M.

   The selected picture/image is displayed.
4. Specify the range for displaying the picture/image by pressing ▲, ▼, ◀ or ▶, then press M.

   The selected picture/image is displayed on the stand-by screen.

Note

- *Some pictures/images cannot be used because of their picture/image and data types.*

Backlight (M 7-1-3)

You can turn the backlight of the main screen display on or off when you press the keypad or the optional cigarette lighter charger is connected to the phone.

You can change or specify the amount of time the backlight is ON for, which will help conserve battery life.

To Turn On/Off the Backlight

1. Perform steps 1 to 3 in "Changing the Language" on page 84.
2. Press ▲ or ▼ to select "Backlight", then press M.
3. Press ▲ or ▼ to select "On/Off", then press M.
4. Select "On" to set backlight on or "Off" to set backlight off by pressing ▲ or ▼, then press M.

When you select "On" in step 4:

5. Enter the duration of the backlight using 2 digits, then press M.

To Turn On/Off the Backlight whilst Charging with the Cigarette Lighter Charger

1. Perform steps 1 and 2 in "To Turn On/Off the Backlight".
2. Press ▲ or ▼ to select "In Car", then press M.
3. Select "On" to set backlight on or "Off" to set backlight off by pressing ▲ or ▼, then press M.

Adjust the Brightness of the Backlight (M 7-1-4)

You can adjust the brightness of the backlight of the main screen display at four levels.

1. Perform steps 1 to 3 in "Changing the Language" on page 84.
2. Press ▲ or ▼ to select "Brightness", then press (M).
3. Press ▲ (Light) or ▼ (Dark) to adjust the brightness for maximum clarity.
4. Press (M).

Note

- *The brightness of the backlight does not affect the brightness of the Sub-Screen.*

Display Saving (M 7-1-5)

This phone's screen will automatically turn off after a given amount of time if the phone is left open. This is in order to conserve battery life.

You can change the time the Display Saving will go into effect works between 2 and 20 minutes or disable this function.

Tip

- *When you purchase this phone, the Display Saving is set to work 10 minutes later.*

1. Perform steps 1 to 3 in "Changing the Language" on page 84.
2. Press ▲ or ▼ to select "Display Saving", then press (M).
3. Select "On" to set the Display Saving function on or "Off" to set it off by pressing ▲ or ▼, then press (M).

When you select "On" in step 3:

4. Enter the time until the Display Saving works in two digits (02 to 20 minutes) using the digit keys, then press (M).

Note

- *The Display Saving does not work whilst you are calling, using WAP, or use a Java™ application.*

To Cancel the Display Saving Function

The display saving continues until either a key is pressed or there is an incoming alert. The first key press will only cancel the display saver. You must press another key in order to input any numerical or text value.

Setting the Greeting Message (M 7-1-6)

You can set the message which will appear when the phone is turned on.

1. Perform steps 1 to 3 in "Changing the Language" on page 84.
2. Press ▲ or ▼ to select "Greeting Message", then press (M).
3. Press ▲ or ▼ to select "On", then press (M).
4. Enter the message, then press (M).

   Up to 16 characters can be stored as a message. For details on entering characters, see "Entering Characters" on page 24.

Tip

- *To cancel the Greeting Message setting, select "Off" in step 3.*

Assign Pictures (M 7-1-7)

Pictures/images can be displayed when turning the power on or off, when receiving an incoming call, or when operating the alarm.

Pictures taken by a digital camera or images downloaded from a WAP site can be used.

To Set Built-in Pictures/Images

1. Perform steps 1 to 3 in "Changing the Language" on page 84.
2. Press ▲ or ▼ to select "Assign Pictures", then press (M).
3. Select the screen to set the picture/image by pressing ▲ or ▼, then press (M).
4. Select "Animation 1" or "Animation 2" by pressing ▲ or ▼, then press (M).

   or

   Select "Illustration 1" or "Illustration 2" by pressing ▲ or ▼, then press (M) when you select "Alarm" in step 3.

   The selected picture/image is displayed.
5. Press (M).

Tip

- *To cancel the picture/image setting, select "Off" in step 4.*

To Set My Pictures

1. Perform steps 1 to 3 in "To Set Built-in Pictures/ Images".
2. Press ▲ or ▼ to select "My Pictures", then press (M).

   The file name of the pictures/images that are registered in the Saved Pictures is displayed.

3. Select the picture/image by pressing ▲ or ▼, then press M.
   The selected picture/image is displayed.
4. Specify the range for displaying the picture/image by pressing ▲, ▼, ◀ or ▶, then press M.

Note

- *Some pictures/images cannot be used because of their picture/image and data types.*

External Display (M7-1-8)

You can change the settings of the Sub-Screen Display.

To Turn On/Off the Sub-Screen Display

You can turn the Sub-Screen Display on or off when the phone is closed.

1. Perform steps 1 to 3 in "Changing the Language" on page 84.
2. Press ▲ or ▼ to select "External Display", then press M.
3. Press ▲ or ▼ to select "LCD On/Off", then press M.
4. Select "On" to set Sub-Screen Display on or "Off" to set Sub-Screen Display off by pressing ▲ or ▼, then press M.

To Turn On/Off the Backlight of the Sub-Screen Display

You can turn the backlight of the Sub-Screen Display on or off when the phone is closed.

You can also change or specify the duration of the Sub-Screen Display backlight.

1. Perform steps 1 to 3 in "Changing the Language" on page 84.
2. Press ▲ or ▼ to select "External Display", then press M.
3. Press ▲ or ▼ to select "Backlight", then press M.
4. Select "On" to set backlight on or "Off" to set backlight off by pressing ▲ or ▼, then press M.

When you select "On" in step 4:

5. Enter the duration of the backlight using 2 digits, then press M.

To Adjust the LCD Contrast of the Sub-Screen

You may sometimes need to adjust the LCD contrast of the Sub-Screen to suit certain lighting conditions.

1. Perform steps 1 to 3 in "Changing the Language" on page 84.

2. Press ▲ or ▼ to select “External Display”, then press M.
3. Press ▲ or ▼ to select “LCD Contrast”, then press M.
4. Press ▲ (Dark) or ▼ (Light) to adjust the contrast for maximum clarity.
   LCD contrast can be adjusted in 9 levels.
5. Press M.

Phone Setting Reset (M 7-1-9)

The phone settings can be reset to their default settings.

1. Perform steps 1 to 3 in “Changing the Language” on page 84.
2. Press ▲ or ▼ to select “Set to Default”, then press M.
3. Enter your handset code, then press M.
4. Press ▲ or ▼ to select “Yes”, then press M.
   To cancel resetting, select “No” in step 4, then press M.
   All phone settings are reset.

Note

- *If you enter a wrong handset code in step 3, operation is cancelled.*

Call Settings

Set various types of functions and services.

Call Waiting (M 7-2-1)

If you wish to be able to receive another incoming call whilst you have a call in progress, you must activate the Call Waiting service.

1. Press M to display the Main Menu.
2. Press ▲ or ▼ to select “Settings”, then press M.
3. Press ▲ or ▼ to select “Call Settings”, then press M.
4. Select “Call Waiting”, then press M.
5. Select “On” to activate the Call Waiting service or “Off” to deactivate it by pressing ▲ or ▼, then press M.
6. Press [OK].

Note

- *Call Waiting service may not be available on all mobile phone networks. Contact your network operator for more information.*

To Check the Call Waiting Service Status

1. Perform steps 1 to 4 in “Call Waiting” on page 89.
2. Press ▲ or ▼ to select “Status”, then press (M). Now you can check the status of the Call Waiting service.
3. Press [Back].

Display Call Timers (M 7-2-2)

1. Perform steps 1 to 3 in “Call Waiting” on page 89.
2. Press ▲ or ▼ to select “Display Call Timers”, then press (M).
3. Select “On” or “Off” by pressing ▲ or ▼, then press (M).

Caller No. Status (M 7-2-3)

This lets you control whether to show your phone number or caller’s phone number when calling another party.

Caller No. Status is not supported on all networks. Please check with your service provider for availability.

1. Perform steps 1 to 3 in “Call Waiting” on page 89.
2. Press ▲ or ▼ to select “Caller No. Status”, then press (M).
3. Select the option you wish to set by pressing ▲ or ▼, then press (M).

The options available are:

- “Show Callers No.”: Select if you wish to see the phone number from any callers before you answer.
- “Show your No.”: Select if you wish to show your phone number.
- “Show Called No.”: Select if you wish to see the phone number of the phone you are connected to, even if your call is diverted to another phone number.
- “Hide if Called”: Select if you wish to hide your phone number from any callers.

4. Select “On” to activate the option you wish to set or “Off” to deactivate it by pressing ▲ or ▼, then press (M).

Personal Call (M 7-2-4)

A specified ringing tone or vibrator setting can be associated to a pre-registered phone number.

Up to 20 phone numbers can be registered.

1. Perform steps 1 to 3 in "Call Waiting" on page 89.
2. Press ▲ or ▼ to select "Personal Call", then press (M).
3. Select the number you wish to set by pressing ▲ or ▼, then press (M).
4. Enter the phone number, then press (M).

   If you wish to select the phone number in the Phonebook, search for the desired Phonebook entry. Press ▶ or [Search] to search the number by name or press ▲ or ▼ to search in alphabetical order, then press (M). For details on searching the Phonebook entries, see "Finding a Name and Number" on page 28.
5. Press ▲ or ▼ to select "Assign Melody", then press (M).
6. Select a ringing tone.

   For details on selecting a ringing tone, see "Ringer Type" on page 64.
7. Press ▲ or ▼ to select "Vibration", then press (M).
8. Press ▲ or ▼ to select "Enable", "Disable" or "Link to Sound", then press (M).

   For details on setting the vibrator, see "Vibration" on page 65.
9. When setting is complete, select "Setup End", then press (M).

Group Call (M 7-2-5)

Phone numbers can be registered or updated in groups.

To Set Group Ringing Tone

Different ringing tones can be set for each group.

When you purchase this phone, groups are set to off.

If you do not set a group ringing tone the default ringing tone will be used.

1. Perform steps 1 to 3 in "Call Waiting" on page 89.
2. Press ▲ or ▼ to select "Group Call", then press (M).
3. Select the group you want to set by pressing ▲ or ▼, then press (M).
4. Press ▲ or ▼ to select "On", then press (M).
5. Press ▲ or ▼ to select "Assign Melody", then press (M).

6. Select a ringing tone.

   For details on selecting a ringing tone, see “Ringer Type” on page 64.
7. Press ▲ or ▼ to select “Vibration”, then press (M).
8. Press ▲ or ▼ to select “Enable”, “Disable” or “Link to Sound”, then press (M).

   For details on setting the vibration, see “Vibration” on page 65.
9. When setting is complete, select “Setup End”, then press (M).

Tip

- *To cancel the ringing tone setting, select “Off” in step 4.*

Auto Redial (M 7-2-6)

See “Automatic Redialling” on page 20 about this function.

Minute Minder (M 7-2-7)

Minute Minder function informs you of your talk time by sounding a tone after every minute.

1. Perform steps 1 to 3 in “Call Waiting” on page 89.
2. Press ▲ or ▼ to select “Minute Minder”, then press (M).
3. Press ▲ or ▼ to select “On” or “Off”, then press (M).

Call Setting Reset (M 7-2-8)

The call settings can be reset to their default settings.

1. Perform steps 1 to 3 in “Call Waiting” on page 89.
2. Press ▲ or ▼ to select “Set to Default”, then press (M).
3. Enter your handset code, then press (M).
4. Press ▲ or ▼ to select “Yes”, then press (M).

   To cancel resetting, select “No” at step 4, then press (M).

   All call settings are reset.

Note

- *If you enter the wrong handset code in step 3, the operation is cancelled and the screen returns to step 3 in “Call Waiting” on page 89.*

Network Settings

Selecting a Network Automatically (M 7-3-1)

Each time the power is turned on, your phone will always try to connect first to the most recently available network, then to the subscribed network, and lastly to the preferred network.

If none of these are found, it will then search for any other available GSM networks.

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select "Settings", then press (M).
3. Press ▲ or ▼ to select "Network Settings", then press (M).
4. Select "Select Network", then press (M).
5. Select "Automatic", then press (M).

To Set the Network Manually

1. As in step 5 in "Selecting a Network Automatically", press ▲ or ▼ to select "Manual", then press (M).
2. Select the network from the list by pressing ▲ or ▼, then press (M).

Adding a New Network

1. Perform steps 1 to 4 in "Selecting a Network Automatically".
2. Press ▲ or ▼ to select "Add New Network", then press (M).
3. Press ▲ or ▼ to select "Add", then press (M).
4. Enter the country code.
5. Press (M).
6. Enter the network code.
7. Press (M).
8. Enter a new network name.
9. Press (M).

Editing the Preferred List

To Change the Position of a Network in the Preferred List

1. Perform steps 1 to 4 in "Selecting a Network Automatically".
2. Press ▲ or ▼ to select "Set Preferred", then press (M).
3. Select the name of the network to change the position from the list by pressing ▲ or ▼, then press (M).

4. Press ▲ or ▼ to select “Insert” or “Add to End”, then press (M).

To Delete a Network from the Preferred List

1. Perform steps 1 to 3 in “To Change the Position of a Network in the Preferred List” on page 93.
2. Press ▲ or ▼ to select “Delete”, then press (M).

Changing the Network Password (M 7-3-2)

1. Perform steps 1 to 3 in “Selecting a Network Automatically” on page 93.
2. Press ▲ or ▼ to select “Change Password”, then press (M).
3. Enter the old password, then press (M).
4. Enter a new password, then press (M).
5. Enter a new password again, then press (M).
   If you enter the incorrect password in step 5, the screen will return to step 4 and you will be asked to enter the password again.
6. Press (M).

Internet Settings (M 7-4)

WAP/MMS Settings

WAP Settings and MMS Settings can perform following various setups, respectively.

WAP Settings

Item	Description	Operation
Profile Name*	WAP Profile Name (Unique Name)	Select “Profile Name” and press (M). Enter the strings you like and press (M).
IP Address*	IP address	Select “IP Address” and press (M). Enter IP address for WAP and press (M).
Homepage	Homepage	Select “Homepage” and press (M). Enter Homepage URL, if needed, and press (M).
Port Number*	Security Option	Select “Port Number” and press (M). Enter Port Number (1024-65535) and press (M).

Item		Description	Operation
Circuit Prompt		Circuit Prompt	Select “Circuit Prompt” and press (M). Select “Enable” or “Disable” and press (M).
Connection Type		Bearer Connection Type	Select “Connection Type” and press (M). Select “GPRS Then CSD”, “GPRS” or “CSD” and press (M).
GPRS Settings (If “GPRS then CSD” or “GPRS” will be selected as connection type, they should be set)			
	APN*	Access Point Name	Select “APN” and press (M). Enter Access Point Name and press (M).
	UserName	User Name	Select “UserName” and press (M). Enter User Name and press (M).
	Password	Password	Select “Password” and press (M). Enter Password and press (M).
	Linger Time	Linger Time	Select “Linger Time” and press (M). Enter second time (0-99999) and press (M).
CSD Settings (If “GPRS then CSD” or “CSD” will be selected as connection type, they should be set)			
	Phone No.*	Access Point Number	Select “Phone No.” and press (M). Enter Access Point Number and press (M).
	Line Type	ISDN or Analogue	Select “Line Type” and press (M). Select “ISDN” or “Analogue” and press (M).
	UserName	User Name	Select “UserName” and press (M). Enter User Name and press (M).

Item		Description	Operation
	Password	Password	Select “Password” and press (M). Enter Password and press (M).
	Linger Time	Linger Time	Select “Linger Time” and press (M). Enter second time (0-99999) and press (M).

*: Item to be set as mandatory.

MMS Settings

Item	Description	Operation
Profile Name*	MMS Profile Name (Unique Name)	Select “Profile Name” and press (M). Enter the strings you like and press (M).
IP Address*	IP address	Select “IP Address” and press (M). Enter IP address for MMS and press (M).
Relay Server URL*	MMS Relay Server	Select “Relay Server URL” and press (M). Enter URL of the Relay Server and press (M).
Port Number*	Security Option	Select “Port Number” and press (M). Enter Port Number (1024-65535) and press (M).
Connection Type	Bearer Connection Type	Select “Connection Type” and press (M). Select “GPRS Then CSD”, “GPRS” or “CSD” and press (M).
GPRS Settings (If “GPRS then CSD” or “GPRS” will be selected as connection type, they should be set)		
	APN*	Access Point Name	Select “APN” and press (M). Enter Access Point Name and press (M).

Item		Description	Operation
	UserName	User Name	Select “UserName” and press (M). Enter User Name and press (M).
	Password	Password	Select “Password” and press (M). Enter Password and press (M).
	Linger Time	Linger Time	Select “Linger Time” and press (M). Enter second time (0-99999) and press (M).
CSD Settings (If “GPRS then CSD” or “CSD” will be selected as connection type, they should be set)			
	Phone No.*	Access Point Number	Select “Phone No.” and press (M). Enter Access Point Number and press (M).
	Line Type	ISDN or Analogue	Select “Line Type” and press (M). Select “ISDN” or “Analogue” and press (M).

Item		Description	Operation
	UserName	User Name	Select “UserName” and press (M). Enter User Name and press (M).
	Password	Password	Select “Password” and press (M). Enter Password and press (M).
	Linger Time	Linger Time	Select “Linger Time” and press (M). Enter second time (0-99999) and press (M).

*: Item to be set as mandatory.

To Set up your Account Information

This information should be supplied by your Internet service provider.

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select "Settings", then press (M).
3. Press ▲ or ▼ to select "Internet Settings", then press (M).
4. Press ▲ or ▼ to select "WAP Settings" or "MMS Settings", then press (M).
5. Select the profile name you wish to edit by pressing ▲ or ▼, then press (M).
6. Press ▲ or ▼ to select "Edit", then press (M).
7. Select the item you wish to edit, then press (M).
8. Edit each item.
9. When you have finished editing, select "Setup End", then press (M).

To Select Network Connection Profile

1. Perform steps 1 to 4 in "To Set up your Account Information".
2. Select the profile name to use by pressing ▲ or ▼, then press (M).
3. Press ▲ or ▼ to select "Activate", then press (M).

Infrared (M 7-5)

You can use the built-in infrared modem to establish contact between your phone and a PC equipped with an infrared port.

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select "Settings", then press (M).
3. Press ▲ or ▼ to select "Infrared", then press (M).
4. Press ▲ or ▼ to select "On", then press (M).
   " " will appear on the screen.
   The infrared setting will return to off when no data is transmitted/received via infrared communication.

Security (M 7-6)

Enabling/Disabling the PIN Code (M 7-6-1)

If the PIN code is enabled you will be asked in enter the PIN code each time the phone is switched on. Your PIN code is stored on the SIM and you should have been made aware of the code when you purchased the SIM. Contact your service provider for further details.

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select "Settings", then press (M).
3. Press ▲ or ▼ to select "Security", then press (M).
4. Select "PIN Entry", then press (M).
5. Press ▲ or ▼ to select "On" or "Off", then press (M).
6. Enter your PIN code, then press (M).

Note

- *If you enter the wrong PIN code three times in step 6, the SIM will lock. To remove the lock, contact your service provider/SIM vendor.*

Changing PIN Code

This allows you to change the PIN code stored on the SIM.

1. Perform steps 1 to 3 in "Enabling/Disabling the PIN code".
2. Press ▲ or ▼ to select "PIN Entry", then press (M).
3. Press ▲ or ▼ to select "Change PIN", then press (M).
4. Enter the existing PIN code, then press (M).
5. Enter a new PIN code, then press (M).
6. Enter a new PIN code again, then press (M).
   If you enter a code different from the code which you entered in step 6, the screen returns to step 5. Enter the correct code again.

Handset Lock (M 7-6-2)

The Handset Lock is an additional security feature which prevents unauthorised use of the phone or certain features. The default Handset Lock code is "0000".

1. Perform steps 1 to 3 in "Enabling/Disabling the PIN code".
2. Press ▲ or ▼ to select "Handset Lock", then press (M).

3. Press ▲ or ▼ to select “On” or “Off”, then press M.
4. Enter your handset code, then press M.

   If you enter an incorrect handset code, the screen will clear and you will be prompted to enter the code again.

Changing Handset Code

The default handset code is “0000”.

1. Perform steps 1 and 4 in “Handset Lock” on page 99.
2. Press ▲ or ▼ to select “Change Code”, then press M.
3. Enter the old handset code, then press M.
4. Enter a new handset code, then press M.
5. Enter a new handset code again, then press M.

   If you enter a code different from the code which you entered in step 5, the screen returns to step 4. Enter the correct code again.

Changing PIN2 Code (M 7-6-3)

PIN2 code is used to protect certain functions in the phone such as Fixed Dialled Number and call cost limits. The following shows you how to change PIN2 code.

1. Perform steps 1 to 3 in “Enabling/Disabling the PIN code” on page 99.
2. Press ▲ or ▼ to select “Change PIN2”, then press M.
3. Enter the existing PIN2 code, then press M.
4. Enter a new PIN2 code, then press M.
5. Enter a new PIN2 code again, then press M.

   If you enter a code different from the code which you entered in step 5, the screen returns to step 4. Enter the correct code.

Call Barring (M 7-6-4)

This function lets you place restrictions on incoming and outgoing calls. To activate Call Barring you will need the call barring password, which will be available from your service provider.

1. Perform steps 1 to 3 in “Enabling/Disabling the PIN code” on page 99.
2. Press ▲ or ▼ to select “Call Barring”, then press M.
3. Press ▲ or ▼ to select call barring option, then press M.

The call barring functions available are:

- "Bar Foreign Calls": Restricts all outgoing international calls.
- "Only Local & Home": Restricts all outgoing international calls except to your home country.
- "Bar Incoming Calls": Restricts all incoming calls.
- "Bar Inc. if Abroad": Restricts all incoming calls when you are outside of the coverage from your registered network operator.
- "Bar Outgoing Calls": Restricts all outgoing calls except emergency calls.

4. Select one of the call barring options by pressing ▲ or ▼, then press (M).

The call barring options available are:

- "All Services": Restricts all services.
- "Voice Calls": Restricts all voice calls.
- "Data": Restricts all data calls.
- "Fax": Restricts all fax calls.
- "Messages": Restricts all messages.
- "All except Msgs.": Restricts all services except messages.

5. Select "On", then press (M).

If you select "Off", the selected call barring setting is cancelled.

6. Enter the network password, then press (M).

To change the network password, see "Changing the Network Password" on page 94.

7. Press [OK].

The selected call barring function is activated.
If you enter a wrong network password, the entered password is cleared. Enter the correct the password.

Checking Call Barring Status

1. Perform steps 1 to 6 in "Call Barring" on page 100.

2. Press ▲ or ▼ to select "Status", then press (M).

Now you can check the status of the selected call barring option.

3. When you finish the confirmation, press [Back].

Cancel All Call Barring Settings

1. Perform steps 1 to 4 in "Call Barring" on page 100.

2. Press ▲ or ▼ to select "Cancel All", then press (M).

3. Enter the network password, then press (M).

4. Press [OK].

All call barring settings are cancelled.

To Cancel the Call Barring Setting Individually

1. Perform steps 1 to 5 in “Call Barring” on page 100.
2. Select the call barring option you wish to cancel by pressing ▲ or ▼, then press (M).
3. Press ▲ or ▼ to select “Off”, then press (M).
4. Enter the Barring password, then press (M).
   The selected call barring setting is cancelled.

Fixed Dialling No. (M 7-6-5)

When the Fixed Dialling No. is enabled, you can call to only predefined numbers.

Enabling Fixed Dialling No.

1. Perform steps 1 to 3 in “Enabling/Disabling the PIN code” on page 99.
2. Press ▲ or ▼ to select “Fixed Dialling No.”, then press (M).
3. Enter a PIN2 code, then press (M).
4. Select “Settings”, then press (M).
5. Select “On”, then press (M).
   If you select “Off”, Fixed Dialling No. is disabled.

Adding a New Name

1. Perform steps 1 to 3 in “Enabling/Disabling the PIN code” on page 99.
2. Press ▲ or ▼ to select “Edit Dial List”, then press (M).
3. Press (M).
4. Press ▲ or ▼ to select “Add New Name”, then press (M).
5. Add a name and a phone number.
   For details on adding a name and a phone number, see “Storing Names and Numbers” on page 26.

Searching a Registered Name

1. Perform steps 1 to 3 in “Adding a New Name”.
2. Press ▲ or ▼ to select “Search”, then press (M).
3. Search for the desired name.
   For details on searching a name, see “Finding a Name and Number” on page 28.

Editing a Registered Name

1. Perform steps 1 and 2 in “Adding a New Name” on page 102.
2. Select a name you wish to edit, then press (M).
3. Press ▲ or ▼ to select “Edit”, then press (M).
4. Edit the selected name.

   For details on editting a name, see “Editing Phonebook Entries” on page 28.

Deleting a Registered Name

1. Perform steps 1 and 2 in “Adding a New Name” on page 102.
2. Select a name you wish to delete, then press (M).
3. Press ▲ or ▼ to select “Delete”, then press (M).
4. Select “Yes”, then press (M).

   The selected name will be deleted.
   To cancel deletion, select “No” at step 4, then press (M).

Master Reset (M 7-7)

The settings can be reset to their default settings.

1. Press (M) to display the Main Menu.
2. Press ▲ or ▼ to select “Settings”, then press (M).
3. Press ▲ or ▼ to select “Master Reset”, then press (M).
4. Enter your handset code, then press (M).
5. Press ▲ or ▼ to select “Yes”, then press (M).

   To cancel resetting, select “No” at step 5, then press (M).

   All settings are reset.

Note

- *If you enter a wrong handset code in step 4, operation is cancelled.*

Vodafone live!

Your phone contains a WAP browser used for surfing on the Mobile Internet, where you can get a lot of useful information. Normally, pages are designed for a mobile phone.

Your phone is already setup to Vodafone site for WAP/ MMS Settings.



Viewing the WAP Browser (M 8-1)

1. Press [live!] during stand-by.
2. Select the menu you wish to view by pressing or , then press .

To Exit the WAP Browser

1. Press to exit the browser.

Navigating a WAP Page

- : Move the highlights around in the screen.
- / : Used to select an action displayed in the lower left corner of the screen.
- : Used to select an action displayed in the lower right corner of the screen.
- (press and hold): Used to start the Go to URL.
- to (press and hold): Used to start the Bookmark (WAP).
- : Exit (short press)
  Turn off the phone. (press and hold)
- : Launch browser option menu.

Browser Menu

When you have started browsing, you can reach browsing options by pressing  .

The Browser Menu contains the following:

Back: Go to the previous screen.

Home: Go to the homepage you set in the WAP Settings.

Bookmarks: Add the site you are currently browsing to your list of bookmarks, or see the list of bookmarks.

Go to URL: Input the URL of the site you wish to go, and go to the site.

Show URL: Display the URL you are currently browsing.

SnapShots: Save the page you are currently browsing to your list of Snap Shots, or see the list of Snap Shots.

Save Items: Save images or sounds to the My Pictures or My Sounds.

Alert Inbox: See the list of WAP push messages. You can receive push messages via WAP Services. This means that a service provider sends WAP content to your phone, without you having to do anything.

Reload: Refresh the contents of the WAP page.

Settings: Includes "Restart Browser", some settings, etc.

Messages

Your phone allows you to send and receive short messages, MMS and WAP mails.

MMS (Multimedia Messaging Service)

About MMS

MMS allows you to further personalise your messages with pictures, sounds and animations.

Note

- *Some MMS functions may not always be available depending on your network. Contact your network operator for more information.*

Setting up MMS (M 0-1-5)

1. Press [ ] during stand-by.
2. Select "MMS", then press (M).
3. Press ▲ or ▼ to select "Settings", then press (M).
4. Select the desired item to set, then press (M).

The items available are:

- "Download Msg."
- "Delivery Report"
- "Delivery Rep. Allow"
- "Expiry Time"
- "Sender Visibility"
- "Anonymous Reject"
- "Slide Interval"

5. Edit the each item.
6. When you finish setting, press [Back].

Creating a New MMS (M 0-1-1)

1. Press [ ] during stand-by.
2. Select "MMS", then press (M).
3. Select "Compose", then press (M).
4. Enter your message, then press (M).
5. Enter phone number or E-mail address of the recipient, then press (M).

   If you wish to select the phone number or E-mail address in the Phonebook, search for the desired Phonebook entry.
   Press ▶ or [Search] to search the number by name or press ▲ or ▼ to search in alphabetical

order, then press (M). For details on searching the Phonebook entries, see "Finding a Name and Number" on page 28.

6. Select "Send", then press (M).
   The confirmation screen of file size is displayed.
7. Select "Yes", then press (M).
   After the message has been sent, the message is added to the Sent box.

To Enter the Subject of the Message

1. Perform steps 1 to 3 in "Creating a New MMS" on page 106.
2. Press [Options] to display the Options Menu.
3. Select "Subject", then press (M).
4. Enter the subject of your message, then press (M).

To Add Recipients

1. Perform steps 1 to 5 in "Creating a New MMS" on page 106.
2. Press ▲ or ▼ to select "Add address", then press (M).
3. Select "To" to add recipients or "Cc" to send a copy of this MMS to other recipients by pressing ▲ or ▼, then press (M).
4. Select a desired number from the list by pressing ▲ or ▼, then press (M).
5. Enter the phone number or E-mail address of the other recipients, then press (M).
6. Press [Back] twice.

To Use the Text Template

1. Perform steps 1 to 3 in "Creating a New MMS" on page 106.
2. Press [Options] to display the Options Menu.
3. Press ▲ or ▼ to select "Insert Template", then press (M).
4. Select the desired template from the list by pressing ▲ or ▼, then press (M).

To Save a Message in the Drafts Box

You can save a message in the Drafts box temporarily and send it later, without sending it immediately.

1. Perform steps 1 to 5 in "Creating a New MMS" on page 106.
2. Press ▲ or ▼ to select "Save", then press (M) to save the message in the Drafts box.

Note

- *You can send it later following the instructions in "Sending a Message in the Drafts Box".*

Inserting Attached Data

You can send pictures/images and sounds saved in the Saved Pictures or Saved Sounds attached to MMS.

You can attach a maximum of 6 pictures/images or sounds in all.

1. Perform steps 1 to 3 in "Creating a New MMS" on page 106.
2. Press [Options] to display the Options Menu.
3. Press ▲ or ▼ to select "Picture" or "Sound", then press (M).
4. Select the file name you wish to attach by pressing ▲ or ▼, then press (M).

   When a picture/image is selected, it is displayed. When a sound is selected, it is played.
5. Once you have confirmed the picture/image, press (M).

To Delete Attached Data

1. Perform steps 1 to 3 in "Inserting Attached Data". The list of attached data is displayed.
2. Press [Options].
3. Press ▲ or ▼ to select "Remove", then press (M).
4. Press ▲ or ▼ to select "Yes", then press (M).

Sending a Message in the Drafts Box

1. Perform steps 1 and 2 in "Creating a New MMS" on page 106.
2. Press ▲ or ▼ to select "Drafts", then press (M).
3. Select the desired message to send in the Drafts box by pressing ▲ or ▼, then press [Options]. The Options Menu is display.
4. Press ▲ or ▼ to select "Send", then press (M). The confirmation screen of file size is displayed.
5. Select "Yes", then press (M). The phone begins the sending process and the MMS is sent.

Reading MMS (M 0-1-2)

Messages you receive are stored in the Inbox, and outgoing messages are stored in the Drafts box until you send them, after which they move to the Sent box.

Incoming Messages

The MMS indicator ( ) will appear when you are receiving an incoming message.

1. Perform steps 1 and 2 in "Creating a New MMS" on page 106.
2. Press ▲ or ▼ to select "Inbox", then press (M).
   Messages are marked with " " denote mails with attachments.
3. Press ▲ or ▼ to select the desired message, then press (M).
   The message is displayed.
4. Scroll the screen by pressing ▲ or ▼ to read the message.
5. When you finish viewing, press [Done].

To Check the Sender and Receiver Phone Number or E-mail Address

1. Perform steps 1 to 3 in "Incoming Messages".
2. Press [Options] to display the Options Menu.
3. Press ▲ or ▼ to select "Details", then press (M).
   The sender's phone number or E-mail address, time and date stamp, subject, attachment and size are displayed.

Replying to a Message to the Sender from Inbox

1. Perform steps 1 and 2 in "Creating a New MMS" on page 106.
2. Press ▲ or ▼ to select "Inbox", then press (M).
3. Press [Options] to display the Options Menu.
4. Press ▲ or ▼ to select "Reply", then press (M).
5. Enter your message.
   For details on entering characters, see "Entering Characters" on page 24.
6. Press (M).
   The phone number or E-mail address of the recipient is automatically filled in the sender's phone number or E-mail address.
7. Press (M).
   The subject field is automatically filled in with the original subject preceded by "Re:".
8. Select "Send", then press (M).
   The confirmation screen of file size is displayed.
9. Select "Yes", then press (M).

Tip

- *You can reply to a message to all addresses of selected messages by selecting "Reply All" in step 5.*

Forwarding a Message

1. Perform steps 1 to 3 in "Replying to a Message to the Sender from Inbox" on page 109.
2. Press ▲ or ▼ to select "Forward", then press (M).
3. Press (M) and enter the phone number or E-mail address of the recipient.
4. If you wish to select the phone number or E-mail address in the Phonebook, search for the desired Phonebook entry.
   Press ▶ or [Search] to search the number by name or press ▲ or ▼ to search in alphabetical order, then press (M). For details on searching the Phonebook entries, see "Finding a Name and Number" on page 28.
5. Press (M).
   The original message is displayed in the "Message" field.
   "Subject" field is automatically filled in with the original subject preceded by "Fw:".
   The original message and subject cannot be changed.
6. Select "Send", then press (M).
   The confirmation screen of the file size is displayed.
7. Select "Yes", then press (M).

Note

- *When the message with attached data is forwarded the data is also sent. However, if there is any material which the phone recognises as having copyright, it will not be sent.*

Modifying a Message

1. Perform steps 1 to 3 in "Replying to a Message to the Sender from Inbox" on page 109.
2. Select "Edit", then press (M).
3. Modify the message.
4. Press (M).
5. Select "Send", then press (M).
   The confirmation screen of the file size is displayed.
6. Select "Yes", then press (M).

Note

- *Messages cannot be edited if they contain particular data such as SMIL, XHTML, copyrights or unknown format.*

Storing the Mail Address of a Sender in the Phonebook

1. Perform steps 1 to 3 in "Replying to a Message to the Sender from Inbox" on page 109.

2. Press ▲ or ▼ to select "Save to Phonebook", then press (M).
   The name entry screen is displayed.
3. Enter the name for the Phonebook entry.
   For details on entering a name, see "Storing Names and Numbers" on page 26.

Retrieving MMS

When "" is in the Inbox, the following can be done.

1. Perform steps 1 and 2 in "Creating a New MMS" on page 106.
2. Press ▲ or ▼ to select "Inbox", then press (M).
3. Press ▲ or ▼ to select a desired alert to download.
4. Press (M) to display the Alert Menu.
5. Press ▲ or ▼ to select "Download", then press (M).

Deleting Messages

1. Perform steps 1 and 2 in "Creating a New MMS" on page 106.
2. Press ▲ or ▼ to select "Inbox", "Drafts" or "Sent", then press (M).
3. Select the message you wish to delete by pressing ▲ or ▼, then press [Options].
   The Options Menu is displayed.
4. Press ▲ or ▼ to select "Delete Message", then press (M).
5. Press ▲ or ▼ to select "One Message" or "All Message", then press (M).
6. Select "Yes", then press (M).
   To cancel deletion, select "No", then press (M).

Note

• *You cannot delete locked messages.*

To Lock Messages

1. Perform steps 1 and 2 in "Deleting Messages".
2. Select the message you wish to lock by pressing ▲ or ▼, then press [Options].
   The Options Menu is displayed.
3. Press ▲ or ▼ to select "Lock/Unlock", then press (M).

Creating Slide Data

1. Press [ ] during stand-by.
2. Select “MMS”, then press (M).
3. Select “Compose”, then press (M).
4. Press [Options] to display the Options Menu.
   The Options Menu is displayed.
5. Press ▲ or ▼ to select “Slide Show”, then press (M).
6. Press ▲ or ▼ to select “On”, then press (M).
7. Enter your message, then press (M).
8. Enter the phone number or E-mail address of the recipient, then press (M).
   If you wish to select the phone number or E-mail address in the Phonebook, search for the desired Phonebook entry.
   Press ▶ or [Search] to search the number by name or press ▲ or ▼ to search in alphabetical order, then press (M).
   For details on searching the Phonebook entries, see “Finding a Name and Number” on page 28.
9. Press ▲ or ▼ to select “Send” or “Save”, then press (M).
   If you wish to send pictures/images and sounds, see “Inserting Attached Data” on page 108.

Note

- *You can create messages which have up to 3 slides. Each slide can contain one picture/image, one sound file and up to 512 characters of text (up to the message total 30kb limit).*
- *The slide options available are:*
  Add Slide: To add a new slide.
  Delete Slide: To delete the active slide.
  Previous Slide: To navigate to the previous slide.
  Next Slide: To navigate to the next slide.
- *EVA data cannot be attached as a slide data to a message.*

Making a Call to the Sender of a Message

You can make a call to the sender of a message in Inbox whose address (From) is the phone number.

1. Perform steps 1 and 2 in “Replying to a Message to the Sender from Inbox” on page 109.
2. Press [Options] to display the Options Menu.
3. Press ▲ or ▼ to select “Call”, then press (M).

SMS (Short Message Service)

About SMS

The Short Message Service (SMS) allows you to send text messages of up to 1024 characters to other GSM users.

Using SMS with Your Phone

Messages longer than 160 characters may be composed. During sending, the messages will be split. If the receiver has a suitable phone the messages will recombine during reception, if not your message will appear as a number of separate 160 characters messages.

You can send or receive SMS even if you are talking on the phone.

You can also use My Text Templates to help you compose SMS.

Setting up SMS

Before you can use SMS to send and receive messages, you have to set up some personal and system information.

To set up the Service Centre Address (M 0-2-4)

1. Press [ ] during stand-by to display the Message menu.
2. Press ▲ or ▼ to select "SMS", then press M.
3. Press ▲ or ▼ to select "Settings", then press M.
4. Select "Message Centre", then press M.
5. Enter the centre number.

   If you wish to enter a country code for a message to an international number, press and hold *+0 until a "+" sign appears.
6. Press M.

Validity Period

This indicates the number of days and hours for which a message you send may remain undelivered to the message recipient.

During this period, the message service centre will continually try to deliver the message to the recipient.

1. Perform steps 1 to 3 in "Setting up SMS".
2. Press ▲ or ▼ to select "Message Lifetime", then press M.
3. Select the validity period by pressing ▲ or ▼, then press M.

Message Format

1. Perform steps 1 to 3 in "Setting up SMS".
2. Press ▲ or ▼ to select "Message Format", then press M.

3. Select the message format by pressing ▲ or ▼, then press (M).

Connection Type

1. Perform steps 1 to 3 in "Setting up SMS" on page 113.
2. Press ▲ or ▼ to select "Connection Type", then press (M).
3. Select the connection type by pressing ▲ or ▼, then press (M).

Creating a New SMS (M 0-2-1)

1. Press [ ] during stand-by.
2. Press ▲ or ▼ to select "SMS", then press (M).
3. Select "Compose", then press (M).
4. Enter your message.
   For details on entering characters, see "Entering Characters" on page 24.
5. Press (M).

To Use the Text Template

1. Perform steps 1 to 3 in "Creating a New SMS".
2. Press [Options] to display the Options Menu.
3. Press ▲ or ▼ to select "Insert Template", then press (M).
4. Select the desired template from the list by pressing ▲ or ▼, then press (M).

To Save the Message in the Outbox

1. Perform steps 1 to 5 in "Creating a New SMS".
2. Enter the SMS phone number of the recipient, then press (M).
3. Press ▲ or ▼ to select "Save", then press (M).

Sending a Message

1. Perform steps 1 to 5 in "Creating a New SMS".
2. Enter the SMS phone number of the recipient, then press (M).
3. If you wish to select the SMS phone number in the Phonebook, search for the desired Phonebook entry. Press ▶ or [Search] to search the number by name or press ▲ or ▼ to search in alphabetical order, then press (M). For details on searching the Phonebook entries, see "Finding a Name and Number" on page 28.
4. Press ▲ or ▼ to select "Send", then press (M). The phone begins the sending process and the SMS is sent.

Reading SMS

Incoming Messages

The SMS indicator ( ) will appear when an incoming message arrives.

1. When you receive a SMS, press (M).
2. Press ▲ or ▼ to select the desired message.
   The sender's phone number and a part of the message are displayed. When the sender's phone number is stored in the Phonebook, the sender's name is displayed instead of the phone number. Messages are marked with " " denote unread messages.
3. Press (M).
4. Scroll the screen by pressing ▲ or ▼ to read the message.
5. When you have finished viewing, press .

Replying to the Sender

1. Perform steps 1 to 3 in "Reading SMS".
2. Press [Options] to display the Options Menu.
3. Press ▲ or ▼ to select "Reply", then press (M).
4. Enter your message.
   For details on entering characters, see "Entering Characters" on page 24.
5. Press (M).
   Follow the procedure from step 2 in "Sending a Message" on page 114.

Calling the Message Sender

1. Perform steps 1 to 3 "Reading SMS".
2. Press [Options] to display the Options Menu.
3. Press ▲ or ▼ to select "Call Sender", then press (M).

Forwarding a Message

1. Perform steps 1 to 3 in "Reading SMS".
2. Press [Options] to display the Options Menu.
3. Press ▲ or ▼ to select "Forward", then press (M).
4. Enter the SMS phone number of the recipient, then press (M).
   For details on searching the Phonebook entries, see "Finding a Name and Number" on page 28.
5. Press ▲ or ▼ to select "Send", then press (M).
   The phone begins the sending process and the SMS is sent.

Modifying a Message

1. Perform steps 1 and 2 in “Creating a New SMS” on page 114.
2. Press ▲ or ▼ to select “Outbox”, then press (M).
3. Select the desired message to modify in the Outbox by pressing ▲ or ▼, then press (M).
4. Press [Options] to display the Options Menu.
5. Select “Edit”, then press (M)
6. Modify the message, then press (M).
   Follow the procedure from step 2 in “Sending a Message” on page 114.

Deleting Messages

1. Perform steps 1 and 2 in “Creating a New SMS” on page 114.
2. Press ▲ or ▼ to select “Inbox” or “Outbox”, then press (M).
3. Select the message you wish to delete by pressing ▲ or ▼, then press (M).
4. Press [Options] to display the Options Menu.
5. Press ▲ or ▼ to select “Delete”, then press (M).
6. Press ▲ or ▼ to select “Yes”, then press (M).
   The selected message is deleted.

Storing the Phone Number of a Sender in the Phonebook

1. Perform steps 1 and 2 in “Reading SMS” on page 115.
2. Press [Options] to display the Options Menu.
3. Press ▲ or ▼ to select “Save to Phonebook”, then press (M).
4. Enter the name for the phonebook entry.
   For details on entering a name, see “Storing Names and Numbers” on page 26.
   Check the already entered phone number.

Cell Broadcast (M 0-3)

You can receive Cell Broadcast messages or general messages like weather reports, traffic reports, etc. broadcast to all subscribers in a certain network area.

This function may not be available on all mobile phone networks. Contact your network operator for more information.

Enabling/Disabling Cell Broadcast (M 0-3-1)

1. Press [ ] during stand-by.
2. Press or to select “Cell Broadcast”, then press (M).
3. Press or to select “On/Off”, then press (M).
4. Select “On” to set Cell Broadcast on or “Off” to set it off by pressing or , then press (M).

Reading Cell Broadcast Messages (M 0-3-2)

1. When you receive a Cell Broadcast message, press (M).
2. Scroll the screen by pressing or to read the message.
3. When you finish viewing, press .

Subscribing to Cell Broadcasts

Select the page of the cell broadcast message that you want.

1. Press [ ] during stand-by.
2. Press or to select “Cell Broadcast”, then press (M).
3. Press or to select “Settings”, then press (M).
4. Press or to select “Set Info Subjects”, then press (M).
5. Press or to select “Create Subject”, then press (M).
6. Press (M) to add the channel.
7. Enter the appropriate channel code obtained from your service provider, and a title for the channel.

Setting Languages

Allows you to select your preferred language for the cell broadcast message display.

Cell Information (M 0-4)

The Cell Information is the message information that operators sent to subscribers in certain areas.

When you receive Cell Information, the message will be displayed on the stand-by screen.

Note

- *This function may not be available on all mobile phone networks. Contact your network operator for more information.*

Enabling/Disabling Cell Information

1. Press [ ] during stand-by.
2. Press ▲ or ▼ to select “Cell Info”, then press (M).
3. Press ▲ or ▼ to select “On” or “Off”, then press (M).

Note

- *If Cell Information is set to “On”, the Stand-by Time will decrease.*

Data Transmission

Your PC can be set up to use the GX10 as a modem. You can either use Infrared (IrDA) or a data cable "XN-1DC10" (option) to connect to the PC.

Refer to XN-1DC10 attached manual for the connection method of a data cable.

System Requirements

OS: Windows®98*, Windows®Me, Windows®2000, Windows®XP

* Windows®98 Second Edition, or Windows®98 + Internet Explorer 5.01 or later

Interface: Infrared (IrDA) or Serial port (D-sub 9-pin connector)

CD-ROM drive

Software Installation and Setup

1. Install Modem setup software from the included CD-ROM.
   - Insert the CD-ROM and double-click [setup.exe] to start installation.
   - Follow the instructions on the screen to complete installation.

   When installation has completed, "SHARP GSM GPRS" icon appears in the control panel.

   When you perform the following operations (step 2 to 4), refer to GSM/GPRS Modem Option Help after executing [SHARP GSM GPRS] in the control panel.
2. Install Modem driver.
3. Make the Dial-up connection.
4. Set GSM/GPRS Modem Option which is stored in the control panel.

   If you wish to use GSM, fill the GSM connection column.
   If you wish to use GPRS, fill the GPRS connection column.

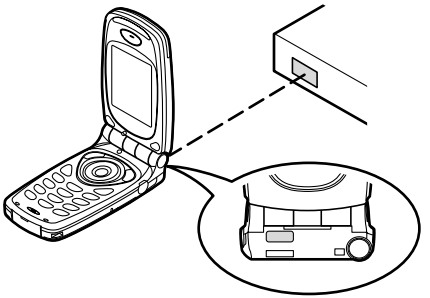
Note

- *Modem setup software may not run on certain PCs.*

Using the Modem Setup

The software in the CD-ROM supplied is provided based on the END USER LICENSE AGREEMENT, and can be used and duplicated only in compliance with the conditions of the pertinent END USER LICENSE AGREEMENT.

The software installer displays the END USER LICENSE AGREEMENT upon startup.



- When using the infrared modem function for executing data transmission, align the infrared port with each other.

Note

- *The distance between the infrared ports which can communicate is a maximum of 20 cm within a 30° angle.*
- *When transmitting data via infrared communication, you need to set the infrared setting to "On". (p. 98)*
- *It is not recommended that you make or answer a call during data transmission. The operation may be interrupted.*

Troubleshooting

Problem	Solution
The phone does not turn on.	• Make sure the battery is properly inserted and charged.
PIN code or PIN2 code is rejected.	• Make sure you have entered the correct code (4 to 8 digits). • Your SIM card/protected functions will become locked after 3 unsuccessful attempts. • Contact your SIM provider if you do not have the correct PIN code.
SIM card becomes locked.	• Enter PUK code (8 digits) provided by your service provider (if supported). • If the attempt is successful, enter the new PIN code and confirm your phone is operational again. Otherwise contact your dealer.
The display is difficult to read.	• Adjust the LCD contrast.
Phone functions do not work after the phone is turned on.	• Check the radio signal strength indicator as you may be outside the service area. • Check to see if any error message is displayed when you turn your phone on. If so, contact your dealer. • Make sure the SIM card is correctly inserted.
Calls cannot be made or received.	• If the message “SIM Card Error” is displayed at start-up, you cannot use your SIM card or SIM card is damaged. Contact your dealer or network service provider. • Check your call barring, fixed dialling setting, remaining battery and call forwarding settings. • Check if your phone is currently performing data communication using Infrared (IrDA) or a data cable. • Check the remaining balance if you are using a pre-paid SIM card.

Problem	Solution
Call quality is poor.	• Your current location may not provide good call quality (i.e., in a car or train). Move to a location where radio signal strength is greater.
Cannot access network service.	• Check where your account has been registered and where the service is available.
Cannot send or receive SMS.	• Make sure you are correctly subscribed for the Short Message Service, that the network supports this service, and that the centre number is set up correctly. If not, contact your network service provider.
Cannot connect to MMS service provider.	• MMS settings and configuration may be missing or incorrect or network does not support it. Check your service provider's access point number. Contact your service provider to confirm the correct settings.

Problem	Solution
Limited memory available.	• Delete any unnecessary data.

Safety Precautions and Conditions of Use

Your phone conforms to international regulations insofar as it is used under normal conditions and in accordance with the following instructions.

CONDITIONS OF USE

Electromagnetic waves

- Do not switch on your phone aboard an aircraft (as your phone may interfere with the aircraft's electronic systems). Current legislation forbids this use and legal action can be taken against the user.
- Do not switch on your phone in a hospital, except in designated areas.
- Use of your phone's function may affect the performance of medical electronic units (pacemakers, hearing aids, insulin pumps, etc.). When the phone function is on, do not bring it near medical equipment or into areas in which medical equipment is being used. If you have a hearing aid or a pacemaker, only use the phone on the opposite side of your body from where it is located. The phone should be kept at least 6 inches (15.24 cm) from a pacemaker ANYTIME the phone is switched on.
- Do not switch on your phone near gas or flammable substances.
- Observe the rules concerning the use of mobile phones at gasoline stations, chemical plants and at all sites where a risk of explosion exists.

Caring for your phone

- Do not allow children to use your phone without supervision.
- Do not open or attempt to repair your phone yourself. The product can only be repaired by authorized service personnel.
- Do not drop your phone or subject it to severe impacts. Bending the body and pushing the display or keys with extreme force could damage the phone.
- Do not use solvents to clean your phone. Use only a soft, dry cloth.
- Do not carry your phone in your back pocket as it could break when you sit down. The display is made of glass and is particularly fragile.
- Avoid touching the external connector on the underside of the phone, since the delicate components within can be damaged by static electricity.

Battery

- Use your phone only with batteries, chargers and accessories recommended by the manufacturer. The manufacturer disclaims any liability for damage caused by the use of other chargers, batteries or accessories.
- **When the battery charging alert is displayed on the screen, charge the battery as soon as possible.** If you continue using your phone ignoring the alert, the phone may cease to function, and all data and settings you have stored may be lost at any moment.
- Before removing the battery from the phone, make sure the phone is switched off.
- Replace and charge the new battery as soon as possible after removing the old one.
- Do not touch the battery terminals. Batteries can cause damage, injury or burns if a conductive material touches exposed terminals. When the battery is detached from the phone, use a cover made of non-conductive material for keeping and carrying the battery safely.
- The battery can only be used and charged in temperatures between 0°C to 40°C. The battery also can be preserved in temperatures between -20°C to 45°C.
- The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time (talk-time and stand-by time) is noticeably shorter than normal, it is time to buy a new battery.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE, DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

See “Battery Disposal” on page 13.

Aerial Care

- Do not touch the aerial unnecessarily, whilst using the mobile phone. If the touched is held, call quality may be affected, and the talk-time and stand-by time may become short since the mobile phone may operate on the high power level beyond necessity.
- Use only the aerial supplied or an approved by Sharp for your mobile phone. Using unauthrised or modified aerials may damage the mobile phone. Moreover, since the mobile phone may violate the appropriate regulations, it may lose performance and above the limitation of SAR levels.
- To avoid impaired performance, do not damage the aerial of the mobile phone.

- Whilst talking directly to the microphone, please hold the mobile phone so that the aerial is upwards suitable from over your shoulder.
- To avoid interfering with blasting operation, please turn off the mobile phone in the blasting area or in the place where “turn off two-way radio” is posted.
- Do not remove the RF cap of the back cabinet.

Camera Operation

- Learn picture quality, file formats, etc. beforehand.

  The display supports up to 65,536 colours.

  The taken pictures can be saved in the JPEG format (JPEG high-colour).
- Be careful not to move your hand whilst taking pictures.

  If the phone moves whilst taking a picture, the picture can be blurred. When taking a picture, hold the phone firmly to prevent it from moving, or use the delay timer.
- Clean the lens cover before taking a picture.

  Fingerprints, oils, etc. on the lens cover hinder clear focusing. Wipe them off with a soft cloth before taking a picture.

Others

- As with any electronic storage unit, data may be lost or corrupted under various circumstances.
- Before connecting the phone with a PC or a peripheral unit, read the operation manual for the other unit carefully.
- If the phone’s battery has been removed for some time, or the phone has been reset, the unit’s clock and calendar may be reinitialised. The date and time should be updated in this case.
- Use only the attached hands free kit. Some phone’s functions may not work when unauthorised hands free kits are used.

ENVIRONMENT

- Keep your phone away from extreme heat. Do not leave it on the dashboard of a car or near a heater. Do not leave it in any place that is extremely damp or dusty.
- Since this product is not waterproof, do not use it or store it where fluids such as water can splash onto it. Raindrops, water spray, juice, coffee, steam, perspiration, etc. will also cause a malfunction.

PRECAUTIONS CONCERNING VEHICLE USE

- It is the user's responsibility to verify if local laws permit the use of a mobile phone in a vehicle. Give full attention to driving. Pull off onto the side of a road and park the car before making or answering a call.
- If local laws permit, we recommend that you use your phone with the attached hands free.
- Use of your phone's function may interfere with the vehicle's electronic systems, such as the ABS anti-lock brakes or the air-bag. To ensure no such problem occurs, please check with your dealer or car manufacturer before connecting your phone.
- Only allow qualified service maintenance personnel to install the vehicle accessories.

The manufacturer disclaims any liability for damage which may result as a consequence of improper use or use contrary to the instructions contained herein.

SAR

Your Sharp mobile phone has been designed, manufactured and tested so as not to exceed the limits for exposure to electromagnetic fields recommended by the Council of the European Union. These limits are part of comprehensive guidelines developed by independent scientific organisations. The guidelines include a substantial safety margin designed to assure the safety of the phone user and others and to take into account variations in age and health, individual sensitivities and environmental conditions. European standards provide for the amount of radio frequency electromagnetic energy absorbed by the body when using a mobile phone to be measured by reference to the Specific Absorption Rate (SAR). The SAR limit for the general public is currently 2 watts per kilogram averaged over 10 grams of body tissue. Your Sharp mobile phone SAR value is 0.56 watts per kilogram. This has been tested to ensure that this limit is not exceeded even when the phone is operating at its highest certified power. In use however your Sharp mobile phone may operate at less than full power because it is designed to use only sufficient power to communicate with the network.

Index

A

Accessories 7

B

Battery 10
- Charging 13
- Disposal 13
- Inserting 10
- Removing 12

Battery Level Indicator 14

C

Calculator 69
- Rate Conversion 69

Calendar 70
- Deleting Schedules 71
- Find a Perticular Date 70

Call 19
- Answering 20
- Ending 20
- Holding 21
- Making 19
- Making Another Call During a Call 21
- Rejecting 21

Call Costs 79
- Checking Charge Limit 80
- Checking Charge Rate 80
- Checking Cost of Last Call 79
- Checking Residual Credit 80
- Checking Total Call Cost 79
- Resetting All Call Timers/Call Costs 80
- Setting Charge Limit 80
- Setting Charge Rate 79

Call Log 77
- Deleting 77
- Sending Messages 77
- Viewing 77

Call Manager 77

Call Settings 89
- Auto Redial 92
- Call Waiting 89
- Caller No. Status 90
- Display Call Timers 90
- Group Call 91
- Minute Minder 92
- Personal Call 91
- Resetting 92

Call Timers 78
- Checking Duration of Last Call 78
- Checking Total Call Time 78

Call Waiting 22, 89

Camera 9, 34
- Brightness 36
- Deleting 37
- Indicators 35
- Memory 35
- Mode 35
- Picture Size 34
- Retaking Pictures 35
- Sending 37
- Taking Pictures 34
- Timer 36
- Viewing 36
- Zoom Function 34

Cell Broadcast 117
- Enabling/Disabling 117
- Reading 117
- Setting Languages 117
- Subscribing 117

Cell Information 118
- Enabling/Disabling 118

Clock & Alarm 71

Changing Alarm Settings 75
Disabling Alarm Function 75
Resetting Alarm Setting 75
Resetting All Alarm Settings 75
Setting Alarm 73
Setting Date and Time 71
Setting Time Zone 73
Clock Setting 71
Setting Date and Time 71
Conference Call 22
Adding New Participants 23
Ending Call with a Participant 23
Making 22
Private Conversation 23

D

Data Counter 81
Resetting 81
Data Transmission 119
Modem Setup 119
Software Installation/Setup 119
System Requirements 119
Diverts 81
Cancelling All Divert Settings 82
Cancelling Divert Settings Individually 83
Checking Divert Status 82
Divert Calls 81

E

Earpiece 9
Earpiece Volume 21
Emergency Calls 19
End/Power Key 9
Entering Characters 24
Changing Input Mode 25
Symbols and Punctuation 25
T9 Text Input 25
Table of Characters 24
Text Template 25
External Connector 9

F

Fun & Games 48

H

Hands free Connector 9
Help List 76

I

Indicators 15
Main Screen 15
Sub-Screen 17
Infrared 98
Infrared Port 9
International Calls 19
Internet Settings 94
WAP/MMS Settings 94

J

JavaTM 38
Downloading 38
JavaTM Games 48
Clearing All Applications 50
Downloading 51
Information 51
Online Services 50
Resetting 50
Settings 48

L

LED Indicator 9

M

M Key 9
Main Screen Display 9
Master Reset 103
Melody Editor 52
Copying/Pasting Notes 59
Creating Your Original Ringing Tone 52
Deleting 57
Editing 57
Musical Scale/Rest 54
Strength 57
Tone 55
Types of Notes/Rests 54

Memory Status 47
Menu 32
List of Menu Functions 33
Main Menu 32
Operation Guidance 32
Shortcut Keys 32
Side Keys 32
Menu Key 32
Messages 106
MMS 106
SMS 113
Microphone 9
Muting 23
Mirror 9
MMS 106
Adding Recipients 107
Checking Sender/Receiver Address 109
Creating 106
Creating Slide Data 112
Deleting 111
Forwarding 110
Inserting Attached Data 108
Lock/Unlock 111
Making a Call 112
Modifying 110
Reading 109
Replying 109
Retrieving 111
Saving in Drafts Box 108
Sending Message in Drafts Box 108
Setting up 106
Storing Address in Phonebook 110
My Bookmarks 45
Accessing 45
Adding 45
Deleting 46
Editing 46
My JavaTM Games 39
Checking Information 39
Deleting 40
Ending 39
Executing 39
Suspending 39
My Phone 38
My Pictures 40
Adjusting Size 41
Changing File Name 41
Checking 41
Deleting 42
Downloading 40
Sending Messages 42
Viewing 41
My Sounds 43
Changing File Name 44
Checking 43
Deleting 45
Downloading 43
Playing Back 43
Sending Messages 44
Strength 44
Tone 44
My Text Templates 46
Adding Phrases 46
Deleting 47
Editing 46
Using 25, 107, 114
Viewing 47

N

Navigation Keys (Arrow Keys) 9, 32
Network Settings 93
Adding New Network 93
Changing Network Password 94
Editing Preferred List 93
Selecting a Network Automatically 93

O

Organiser 69

Other Games 51
Setting up Game Options 52
Starting 51

P

Phone Settings 84
Assign Pictures 87
Backlight 85
Brightness of Backlight 86
Built-in Animations/Illustrations 84
Changing Language 84
Display Saving 86
External Display 88
Greeting Message 87
Resetting 89
Wall Paper 84
Phonebook 24
Adding Number from Call Log 27
Creating New Entry 25
Deleting 29
Editing 28
Group Name 24, 26
Memory Status 30
Searching 28
Sending Messages 31
Storing Inputted Number 27
View Groups 29
Your Own Number 29
PIN Code 99
PIN2 Code 100
Profiles 63
Activating 63
Any Key Answer 68
Customising 63
Keypad Tones 65
Low Battery Alert 68
Message Alert 67
Power On/Off Sound 66
Resetting 64
Ringer Type 64
Ringer Volume 64
Vibration 65
Warning Tone 66

Q

Quick Reference 132

R

Redialling 20
Auto Redial 20

S

SAR 126
Security 99
Call Barring 100
Changing Handset Code 100
Changing PIN Code 99
Changing PIN2 Code 100
Enabling/Disabling PIN code 99
Fixed Dialling No. 102
Handset Lock 99
Settings 84
Call Settings 89
Infrared 98
Network Settings 93
Phone Settings 84
Security 99
SIM Card 10
Inserting 10
Removing 12
SMS 113
Calling 115
Creating 114
Deleting 116
Forwarding 115
Modifying 116
Reading 115
Replying 115
Saving in Outbox 114
Sending 114
Setting up 113

Storing Sender's Number in Phonebook 116
Speaker 9
Speed Dialling 19, 30

T

Tone Editor 59
Algorithm 60
Creating Your Original Tone 61
Effect Frequency 61
FM Sound Source 59
Operator 60
Troubleshooting 121
Turning Your Phone On/Off 15

V

Vodafone live! 104
Browser Menu 105
Navigating WAP Page 104
Viewing WAP Browser 104
Voice Memo 75
Playing Back 76
Recording 75

Quick Reference GX10

Function Key shortcuts	
To display the Main Menu.	(M)
To mute and unmute the microphone during call.	[Mute]
To turn Silent mode on.	(M) (4 GHI) (5 JKL) (1 .@)

Special Features	
To adjust earpiece volume.	Press ◄ and ▲, ▼ or Side keys.
To display:	
Individual Call Timer	(M) (6 MNO) (2 ABC) (5 JKL) Select "Last Call"
Resettable Call Timer	(M) (6 MNO) (2 ABC) (5 JKL) Select "Clear Timers"
Cumulative Call Timer	(M) (6 MNO) (2 ABC) (5 JKL) Select "All Calls"

Messages

Press [✉] during stand-by.
Press ▲ or ▼ to scroll.
Press (M).

MMS
- Compose
- Inbox
- Sent
- Drafts
- Settings

SMS
- Compose
- Inbox
- Outbox
- Settings

Cell Broadcast
- On/Off
- Read Messages
- Settings

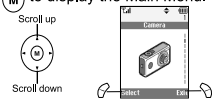
Cell Info
- On
- Off

Vodafone Messenger

Vodafone Mail
- Call Vodafone Mail
- See Vodafone Mail
- Vodafone Settings

Navigating Menus

Press (M) to display the Main Menu.



Basic Operation

On/Off	Press and hold ⏻.
Make a call	Enter number, press ✆.
Answer a call	Press ✆.
End a call	Press ⏻.

Phonebook

Storing name and number
1.Press ►, select "Add New Name".
2.Enter name, press (M).
3.Enter number, press (M).
4.Select number type, press (M).

Camera

Taking Pictures
1.Press and hold (M) for approximately 2 seconds.
2.Press (M) or the Side keys to take picture.

MMS

1.Press [✉].
2.Select "MMS", press (M).
3.Select "Compose", press (M).
4.Enter your message, press (M).
5.Enter phone number or E-mail address, press (M).
6.Select "Send", press (M).

ENGLISH

GX10 Quick Reference Menu



Press Ⓜ during stand-by mode.
Press ▲ or ▼ to scroll and press Ⓜ to access function.



Camera



My Phone

1 My Java™ Games
2 My Pictures
3 My Sounds
4 My Bookmarks
5 My Text Templates
6 Memory Status



Fun & Games

1 Java™ Games
2 Other Games
3 Melody Editor
4 Tone Editor



Profiles

1 Normal
2 Meeting
3 Activity
4 Car
5 Silent



Organiser

1 Calculator
2 Calendar
3 Clock & Alarm
4 Voice Memo
5 Help List



Messages

1 MMS
2 SMS
3 Cell Broadcast
4 Cell Info
5 Vodafone Messenger
6 Vodafone Mail



Info-Service

(Depends on the contents of SIM card.)



Vodafone live!

1 Vodafone live!
2 New
3 Chat
4 Games
5 Find & Seek
6 News
7 Sports
8 Shopping
9 Search



Settings

1 Phone Settings
2 Call Settings
3 Network Settings
4 Internet Settings
5 Infrared
6 Security
7 Master Reset



Call Manager

1 Phonebook
2 Call Register
3 Diverts

Kurzanleitung GX10

Tastenkombinationen	
Hauptmenü aufrufen	(M)
Mikrofon während eines Gespräches auf stumm/laut schalten	[Stumm]
Modus „Lautlos“ anschalten	(M) 4 GHI 5 JKL 1

Spezielle Funktionen	
Hörerlautstärke einstellen	◄ und ▲, ▼ oder Seitentasten drücken
Zum Anzeigen von:	
Gesprächsdauer	(M) 6 MNO 2 ABC 5 JKL „Letzter Anruf“ wählen
Gesprächsdauer zurücksetzen	(M) 6 MNO 2 ABC 5 JKL „Zähler löschen“ wählen
Gesamtgesprächsdauer	(M) 6 MNO 2 ABC 5 JKL „Alle Anrufe“ wählen

Nachrichten

[✉] im Standby drücken
▲ oder ▼ zum Blättern drücken
(M) drücken

MMS
- Schreiben
- Eingang
- Gesendet
- Entwürfe
- Einstellungen

SMS
- Schreiben
- Eingang
- Ausgang
- Einstellungen

Cell Broadcast
- Ein/Aus
- Nachrichten lesen
- Einstellungen

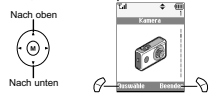
Zelleninfo
- Ein
- Aus

Vodafone Messenger

Vodafone-Mail
- Mailbox anrufen
- eMail
- Vodafone-Einstell.

Navigation in den Menüs

(M) Drücken, um das Hauptmenü aufzurufen.



Grundlegende Aktionen

Ein/Aus	gedrückt halten
Anruf tätigen	Nummer eingeben, drücken
Gespräch entgegennehmen	drücken
Gespräch beenden	drücken

Telefonbuch

Name und Nummer speichern
1. ▼ drücken, „Neuen Namen hinzufügen“ wählen
2. Name eingeben, (M) drücken
3. Nummer eingeben, (M) drücken
4. Nummernart wählen, (M) drücken

Kamera

Bilder aufnehmen
1. (M) ca. 2 Sek. gedrückt halten
2. (M) oder Seitentasten drücken, um Bild aufzunehmen

MMS

1. [✉] drücken
2. „MMS“ wählen, (M) drücken
3. „Schreiben“ wählen, (M) drücken
4. Nachricht eingeben, (M) drücken
5. Rufnummer oder E-Mail-Adresse eingeben, (M) drücken
6. „Senden“ wählen, (M) drücken

DEUTSCH

GX10 Menü-Kurzanleitung



(M) im Standby drücken
(▲) oder (▼) zum Blättern und (M) zum Funktionsaufruf drücken



Kamera



Mein Telefon

1 Load-A-Game
2 Bilder
3 Klingeltöne
4 Bookmarks
5 Textvorlagen
6 Speicherstatus



Spiel & Spaß

1 Load-A-Game
2 Vorinst. Spiele
3 Melodieneditor
4 Toneditor



Profile

1 Normal
2 Besprechung
3 Aktiv
4 Kfz
5 Lautlos



Organizer

1 Rechner
2 Kalender
3 Uhr & Alarm
4 Voice Memo
5 Hilfe



Nachrichten

1 MMS
2 SMS
3 Cell Broadcast
4 Zelleninfo
5 Vodafone Messenger
6 Vodafone Mail



Info-Services

(Je nach Inhalt der Vodafone-Karte)



Vodafone live!

1 Vodafone live!
2 Neu
3 Chat
4 Spiele
5 Unterwegs
6 News
7 Sport
8 Shopping
9 Suche & Hilfe



Einstellungen

1 Telefon-Einstellungen
2 Anruf-Einstellungen
3 Netzwerkeinstellungen
4 Internet-Einstellungen
5 Infrarot
6 Sicherheit
7 Standardeinstellungen



Anrufmanager

1 Telefonbuch
2 Anrufliste
3 Rufumleitungen

Guida di consultazione rapida-GX10

Tasti di accesso rapido

Visualizzazione Menu principale.	(M)
Disattivazione e riattivazione dell'audio del microfono durante una chiamata.	[Muto]
Attivazione della modalità Silenzioso.	(M) 4 5 1

Funzioni speciali

Regolazione del volume dell'auricolare.	Premere ◀ e ▲, ▼ o i tasti laterali.
Visualizzazione delle seguenti funzioni:	(M) 6 2 5 Selezionare "Ultima chiamata"
Timer chiamate azzerabile	(M) 6 2 5 Selezionare "Azzera Timer"
Timer durata totale chiamate	(M) 6 2 5 Selezionare "Tutte le chiamate"

Messaggi

Premere [ ] con il telefono in modalità Stand-by.
Premere ▲ o ▼ per scorrere la schermata.
Premere (M).

MMS
- Componi
- MMS ricevuti
- MMS inviati
- Bozze
- Impostazioni

SMS
- Componi
- SMS ricevuti
- SMS inviati
- Impostazioni

Cell Broadcast
- Abilitato/Disabilitato
- Leggi messaggi
- Impostazioni

Info cella
- Abilita
- Disabilita

Vodafone Messenger

Vodafone Mail
- Segreteria OmniBox
- Voice Mail
- Impostaz. OmniBox

Come spostarsi nei menu

Premere (M) per visualizzare il Menu Principale.



Operazioni di base

Attivo / Disattivo	Tenere premuto .
Effettuare una chiamata	Digitare un numero, premere .
Rispondere a una chiamata	Premere .
Terminare una chiamata	Premere .

Rubrica telefonica

Memorizzazione di nomi e numeri
1. Premere ▶, selezionare "Aggiungi nuovo nome".
2. Digitare un nome, premere (M).
3. Digitare un numero, premere (M).
4. Selezionare un tipo di numero, premere (M).

Fotocamera digitale

Scattare le foto
1. Tenere premuto (M) per circa 2 secondi.
2. Per scattare premere (M) o i tasti laterali.

MMS

1. Premere [ ].
2. Selezionare "MMS", premere (M).
3. Selezionare "Componi", premere (M).
4. Digitare il messaggio, premere (M).
5. Digitare il numero telefono o indirizzo di posta elettronica, quindi premere (M).
6. Selezionare "Invia", premere (M).

ITALIANO

GX10 Menu di guida rapida



Premere (M) con il telefono in modalità Stand-by.
Premere ▲ o ▼ per scorrere e premere (M) per accedere alla funzione.



Fotocamera digitale



Archivio Personale

1 Le mie applicazioni
2 Le mie immagini
3 I miei suoni
4 I miei bookmark
5 I miei modelli
6 Stato memoria



Giochi e Applicazioni

1 Giochi e Applicazioni
2 Altri giochi
3 Editor Melodia
4 Editor Toni



Profili

1 Normale
2 Riunione
3 Attività
4 Automobile
5 Silenzioso



Organiser

1 Calcolatrice
2 Calendario
3 Orologio e appuntam.
4 Promemoria Vocale
5 Scelte rapide



Messaggi

1 MMS
2 SMS
3 Cell Broadcast
4 Info cella
5 Vodafone Messenger
6 Vodafone Mail



Servizi informazioni

(Varia a seconda dei contenuti della carta SIM).



Vodafone live!

1 Vodafone live!
2 Novità
3 Chat
4 Giochi
5 In Giro
6 Notizie&Meteo
7 Sport
8 Shopping
9 Cerca&vai



Impostazioni

1 Configuraz.
2 Configuraz. Chiamata
3 Configuraz. reti
4 Configuraz. servizi
5 Infrarossi
6 Sicurezza
7 Ripristino completo



Gestione chiamate

1 Rubrica
2 Registro chiamate
3 Trasferimenti

Referencia rápida GX10

Función de accesos directos	
Visualizar el menú principal.	(M)
Silenciar y recuperar el sonido del micrófono durante llamada.	[Sin Voz]
Encender modo de silencio.	(M) 4 5 1

Funciones especiales	
Ajustar volumen de auricular.	Pulse ◄ y ▲, ▼ o teclas laterales.
Visualizar: Durac. llam. individual Durac. llam. restaurable Durac. llam. acumulativa	(M) 6 2 5 "Última llamada" (M) 6 2 5 "Borrar contadores" (M) 6 2 5 "Todas las llamadas"

Mensajes

Pulse [ ] en espera.
Pulse ▲ o ▼ para desplazarse.
Pulse (M).

MMS
- Mensaje nuevo
- Bandeja de entrada
- Bandeja de salida
- Borradores
- Ajustes

SMS
- Mensaje nuevo
- Bandeja de entrada
- Bandeja de salida
- Ajustes

Difusión en celda
- Activado/Desactivado
- Leer mensajes
- Ajustes

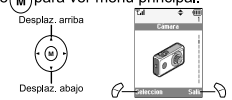
Información de celda
- Activado
- Desactivado

Vodafone Messenger

Vodafone Mail
- Llam corr Vodafone Mail
- Vodafone Mail
- Ajustes Vodafone

Navegación por los menús

Pulse (M) para ver menú principal.



Funcionamiento básico

Activado/Desactivado	Mantenga pulsado #.
Llamar	Introduzca nº, pulse ✆.
Responder	Pulse ✆.
Finalizar llamada	Pulse ⏻.

Agenda

Almacenamiento de nombres y números
1.Pulse ►, seleccione "Añadir nombre".
2.Introduzca nombre, pulse (M).
3.Introduzca nº, pulse (M).
4.Seleccione tipo nº, pulse (M).

Cámara

Toma de fotografías
1.Pulse (M) durante aprox. 2 segundos.
2.Pulse (M) o teclas laterales para tomar foto.

MMS

1.Pulse [ ].
2.Seleccione "MMS", pulse (M).
3.Seleccione "Mensaje nuevo", pulse (M)
4.Escriba mensaje, pulse (M).
5.Escriba nº teléfono o dirección correo electrónico y pulse (M).
6.Seleccione "Enviar", pulse (M).

ESPAÑOL

Menú de referencia rápida GX10



Pulse Ⓜ durante el modo de espera.
Pulse ▲ o ▼ para desplazarse y pulse Ⓜ para acceder a la función.



Cámara



Mi Teléfono

1 Mis Juegos Java™
2 Mis imágenes
3 Mis sonidos
4 Favoritos
5 Plantillas de Texto
6 Estado de la memoria



Juegos y ocio

1 Juegos Java
2 Otros Juegos
3 Compositor de melodías
4 Editor de tonos



Modo

1 Normal
2 Reunión
3 Activo
4 Coche
5 Silencio



Organizador

1 Calculadora
2 Calendario
3 Reloj & Alarma
4 Memo de voz
5 Lista de ayuda



Mensajes

1 MMS
2 SMS
3 Difusión en celda
4 Información de celda
5 Vodafone Messenger
6 Vodafone Mail



Servicios de información

(Depende del contenido de la tarjeta SIM.)



Vodafone live!

1 Vodafone live!
2 Novedades
3 Chatea
4 Juegos y Humor
5 Carca de mí
6 Noticias y Tiempo
7 Deportes
8 Shopping
9 Buscador



Ajustes

1 Ajustes del teléfono
2 Opciones de llamada
3 Ajuste de red
4 Ajustes de internet
5 Infrarrojos
6 Seguridad
7 Reseteo maestro



Administrador de llamadas

1 Agenda
2 Registro de llamadas
3 Desvios de llamadas

Beknopt overzicht GX10

Sneltoetsen	
Om het hoofdmenu op te roepen.	(M)
Om tijdens een gesprek de microfoon te dempen of de demping op te heffen.	[Dempen]
Om de stille modus in te schakelen.	(M) (4 GHI) (5 JKL) (1 oo)

Speciale functies	
Om het volume van het luistergedeelte in te stellen.	Druk op de toetsen ◄ en ▲, ▼ of de toetsen aan de zijkant.
Voor weergave van:	
Afzonderlijke gesprekstimers	(M) (6 MNO) (2 ABC) (5 JKL) Selecteer "Laatste gesprek"
Resetbare gesprekstimers	(M) (6 MNO) (2 ABC) (5 JKL) Selecteer "Timers wissen"
Gesprekstimers in totaal	(M) (6 MNO) (2 ABC) (5 JKL) Selecteer "Alle gesprekken"

Berichten

Druk tijdens standby op [✉].
Druk op ▲ of ▼ om de tekst te verschuiven.
Druk op (M).

MMS
- Opstellen
- Postvak IN
- Postvak UIT
- Drafts
- Instellingen

SMS
- Opstellen
- Postvak IN
- Verstuurd
- Instellingen

Cell Broadcast
- Aan/Uit
- Bericht lezen
- Instellingen

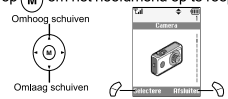
Cell Info
- Aan
- Uit

Vodafone Messenger

Vodafone Mail
- Bel Voice Mail
- Bekijk E-mail
- Vodafone Instellingen

Navigatiemenu's

Druk op (M) om het hoofdmenu op te roepen.



Meest voorkomende bedieningsfuncties

Aan/Uit	Houd ⏻ ingedrukt.
Bellen	Voer nummer in en druk op ✆.
Een oproep beantwoorden	Druk op ✆.
Een gesprek beëindigen	Druk op ⏻.

Telefoonboek

Naam en nummer opslaan
1. Druk op ►, selecteer "Voeg nieuwe naam toe".
2. Voer naam in, en druk op (M).
3. Voer nummer in en druk op (M).
4. Selecteer nummertype en druk op (M).

Camera

Foto's nemen
1. Houd (M) ongeveer 2 seconden ingedrukt.
2. Druk op (M) of op de toetsen aan de zijkant om de foto te nemen.

MMS

1. Druk op ⏻ [✉].
2. Selecteer "MMS" en druk op (M).
3. Selecteer "Opstellen" en druk op (M).
4. Voer uw bericht in en druk op (M).
5. Voer het telefoonnummer of e-mailadres in, en druk op (M).
6. Selecteer "Verzenden" en druk op (M).

NEDERLANDS

Beknopt menu-overzicht GX10

Druk tijdens de standby-modus op Ⓜ.
Druk op ▲ of ▼ om te verschuiven en druk op Ⓜ om de functie te openen.



Camera



Mijn Telefoon

1 Mijn games
2 Mijn afbeeldingen
3 Mijn ringtones
4 Mijn bookmarks
5 Mijn sjablonen
6 Geheugenstatus



games

1 Mijn Java™ Games
2 Andere games
3 Ringtone-editor
4 Toon-editor



Profielen

1 Normaal
2 Vergadering
3 Actief
4 Auto
5 Stil



Organiser

1 Rekenmachine
2 Kalender
3 Klok & Alarm
4 Memo Recorder
5 Help



Berichten

1 MMS
2 SMS
3 Cell Broadcast
4 Cell Info
5 Vodafone Messenger
6 Vodafone Mail



Infoservices

(Hangt af van de inhoud van de SIM-kaart.)



Vodafone live!

1 Vodafone live!
2 Nieuw
3 Chat
4 Games
5 Zoek & vind
6 Nieuws
7 Sport
8 Shopping
9 Help & zoeken



Instellingen

1 Telefooninstellingen
2 Oproepinstellingen
3 Netwerkinstellingen
4 Internet instellingen
5 Infrarood verbinding
6 Beveiliging
7 Fabrieksinstellingen



Gespreksbeheer

1 Telefoonboek
2 Gespreksoverzicht
3 Omleidingen